

FIG. 1a

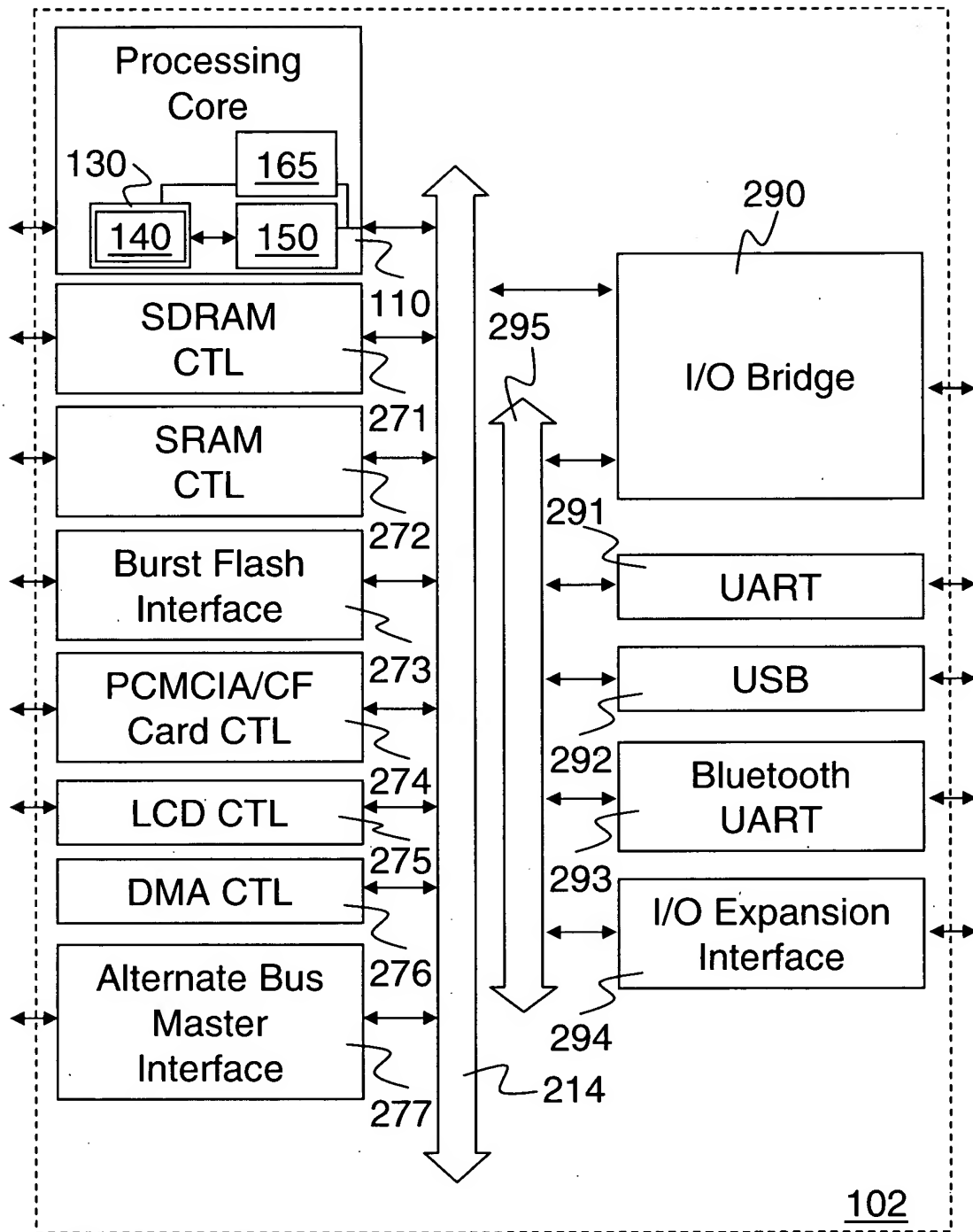


FIG. 1b

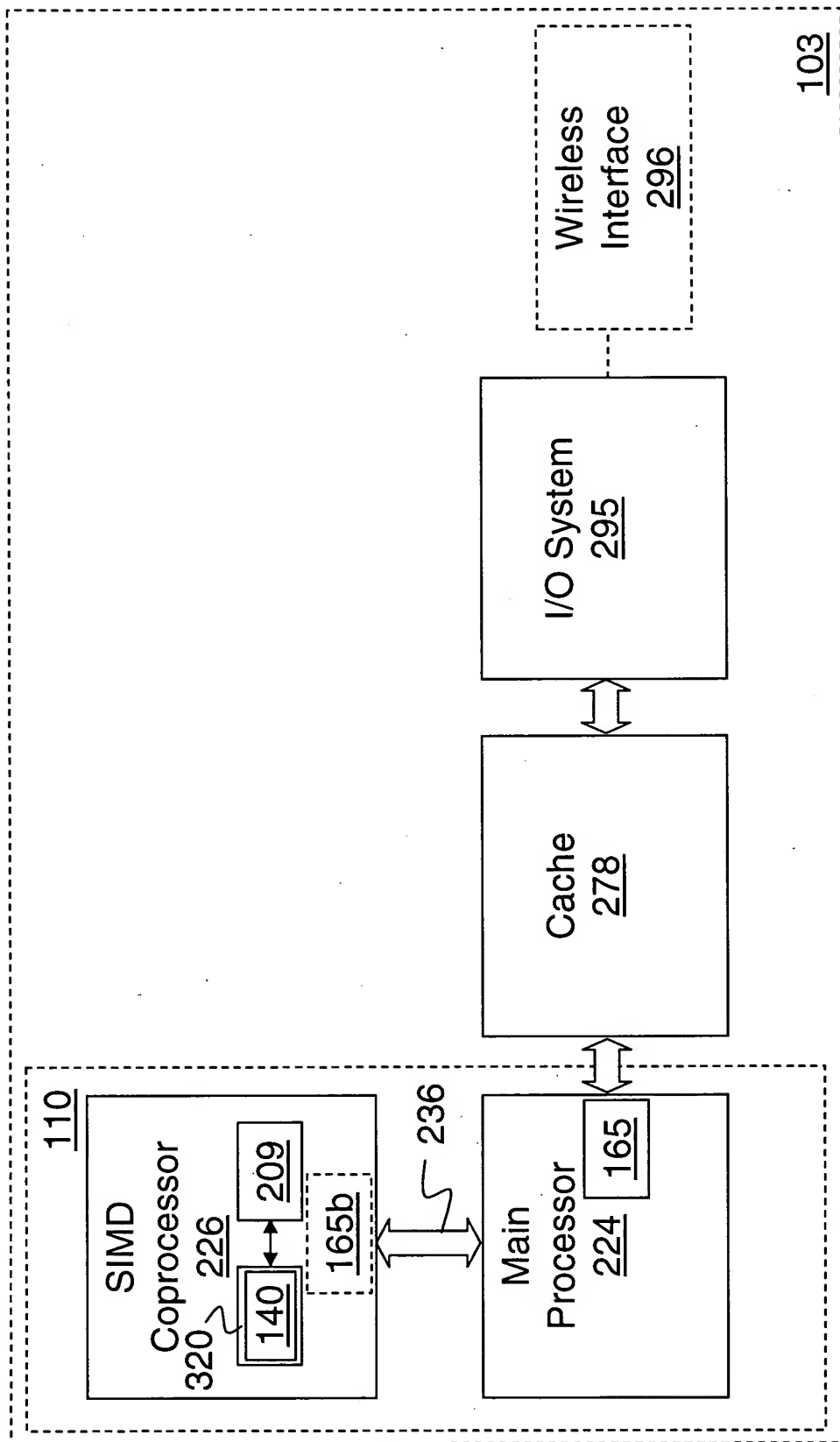


FIG. 1c

FIG. 2a

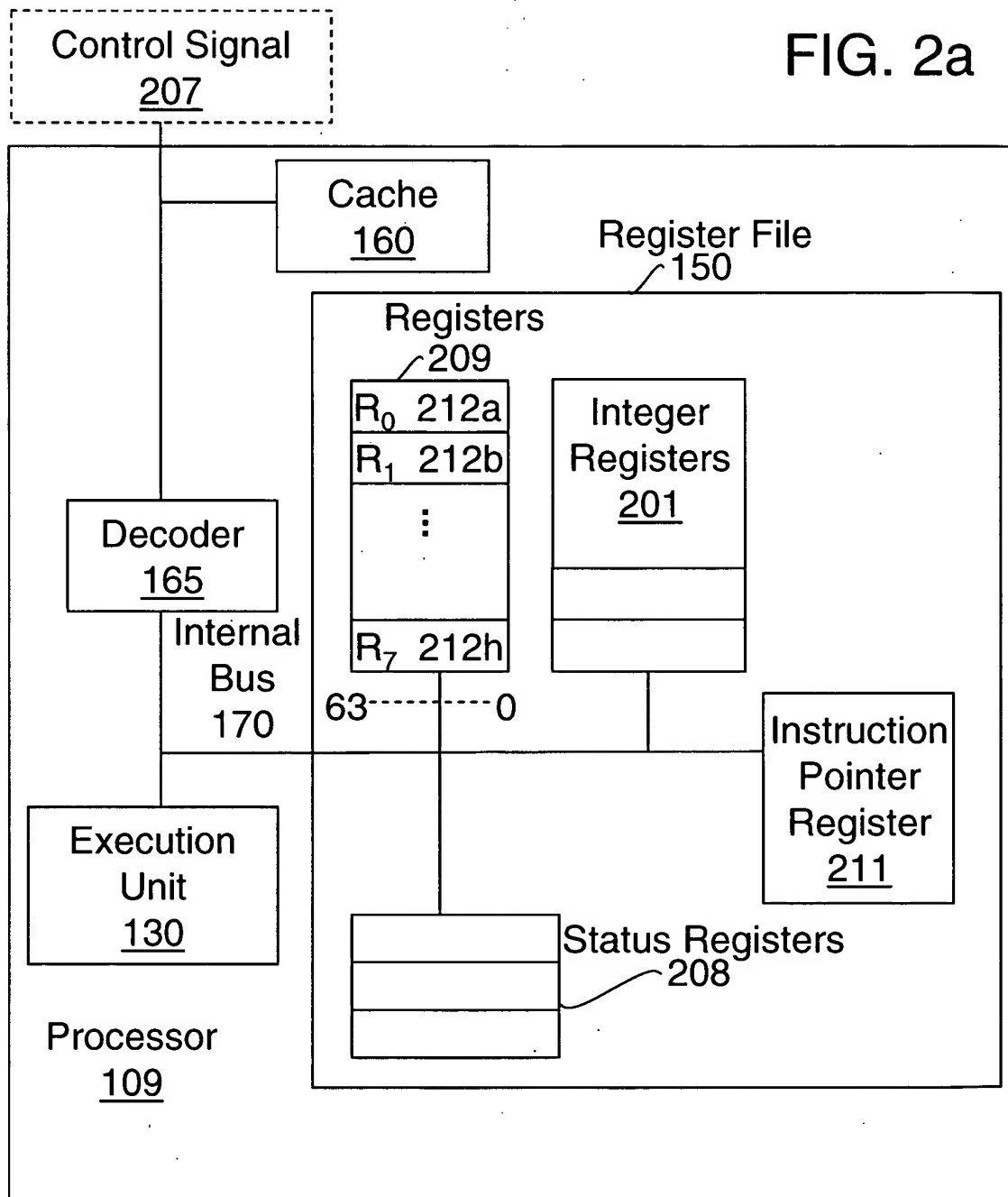


FIG. 2b

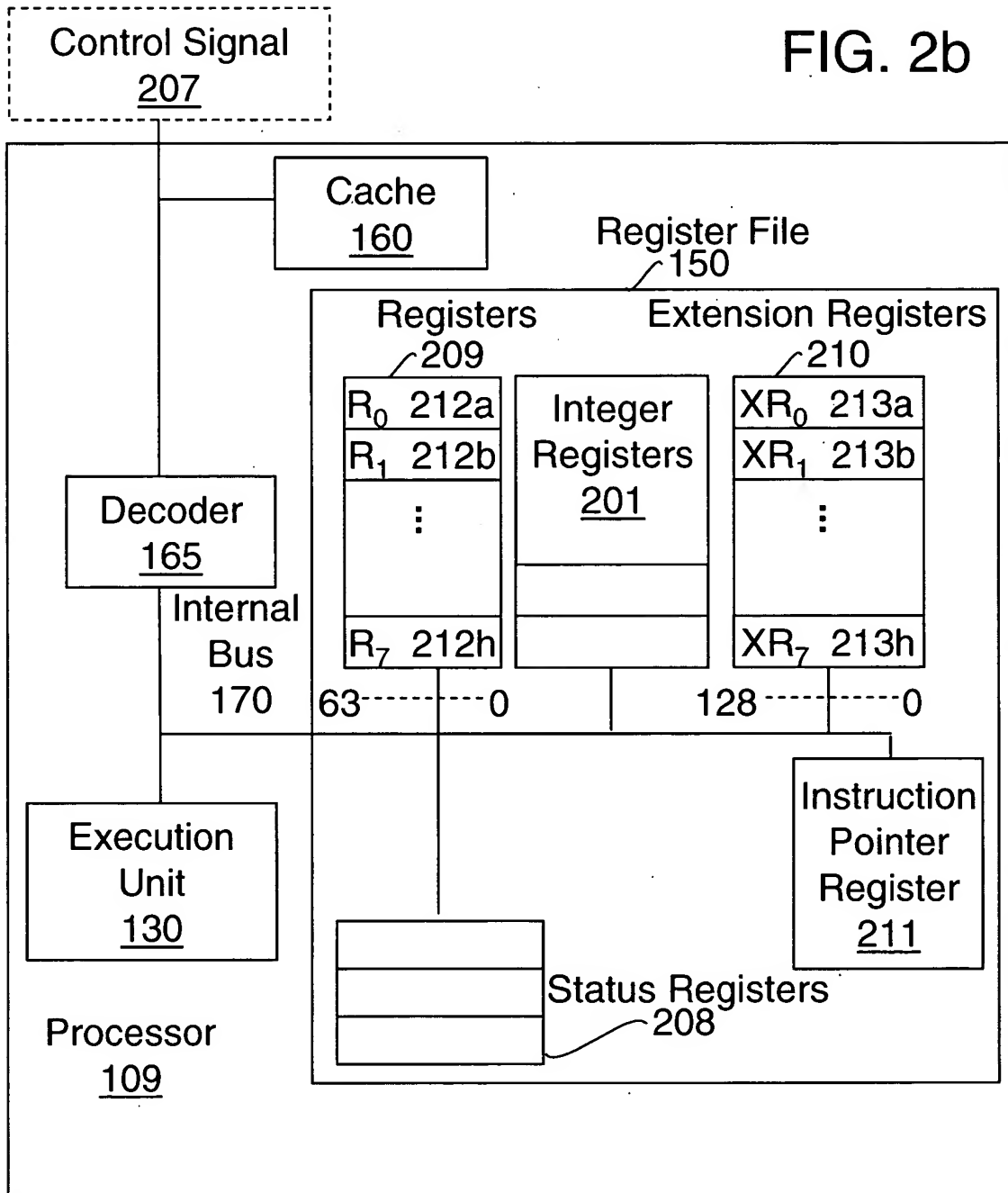
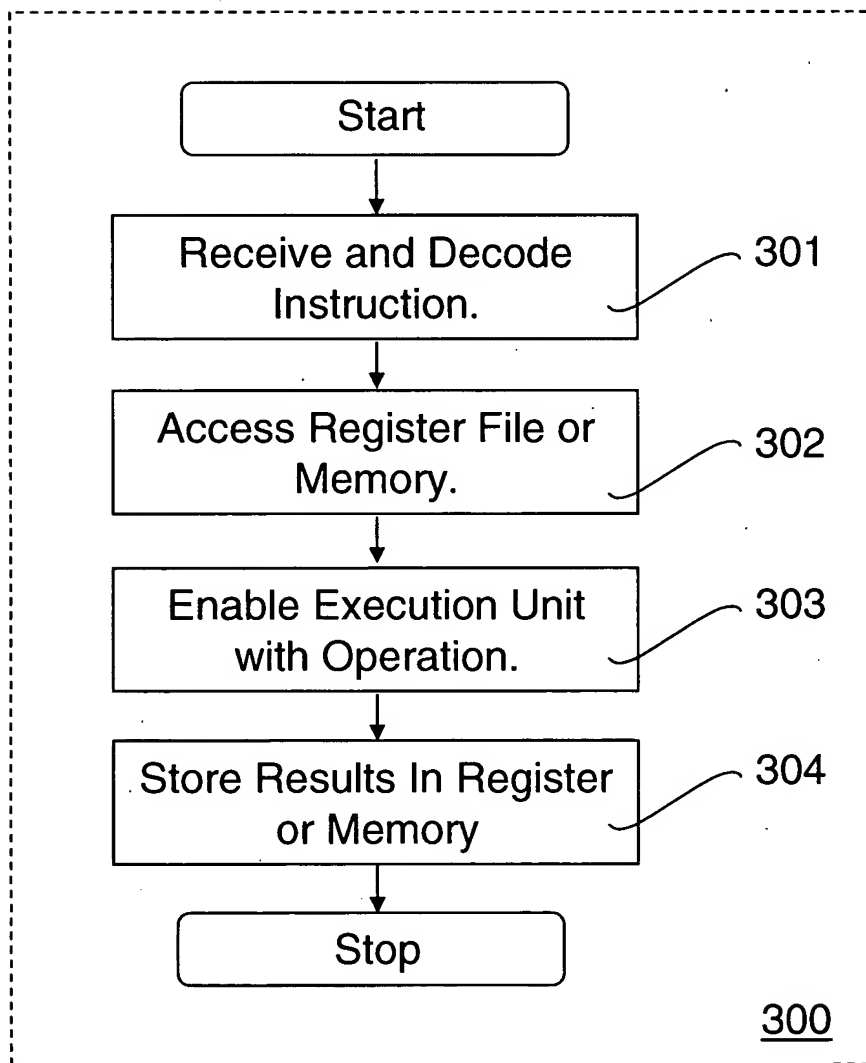


FIG. 3



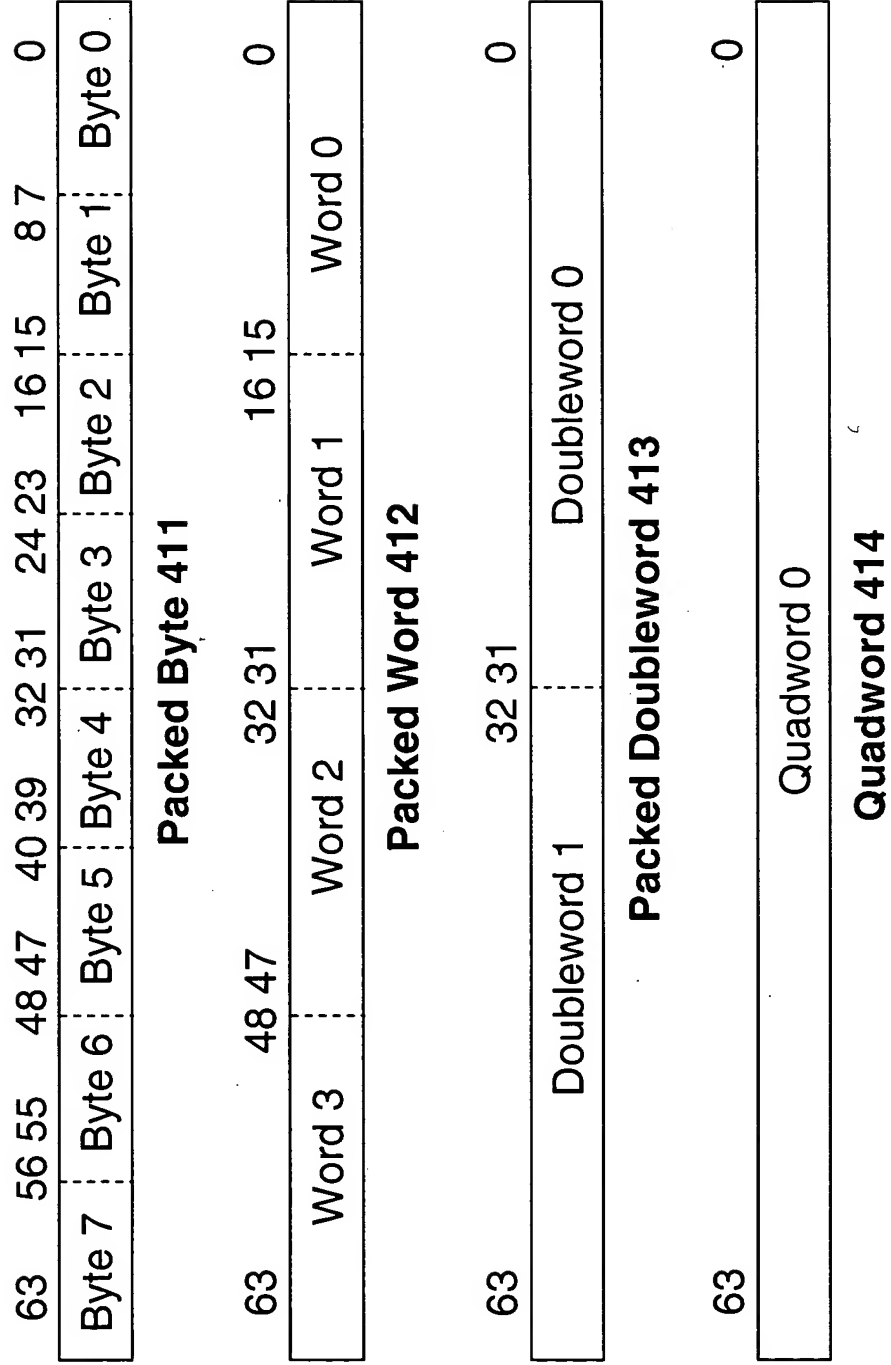


FIG. 4a

127	112	111	96	95	80	79	64	63	48	47	32	31	16	15	0
B15	B14	B13	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1	B0

Packed Byte 421

127	112	111	96	95	80	79	64	63	48	47	32	31	16	15	0
Half 7	Half 6	Half 5	Half 4	Half 3	Half 2	Half 1	Half 0								

Packed Half 422

127	96	95	64	63	32	31	0
Single 3	Single 2	Single 1	Single 0				

Packed Single 423

127	64	63	0
Double 1	Double 0		

Packed Double 424

FIG. 4b

63	56 55	48 47	40 39	32 31	24 23	16 15	8 7	0
bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb

Unsigned packed byte in-register representation 510

63	56 55	48 47	40 39	32 31	24 23	16 15	8 7	0
sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb

Signed packed byte in-register representation 511

FIG. 5a

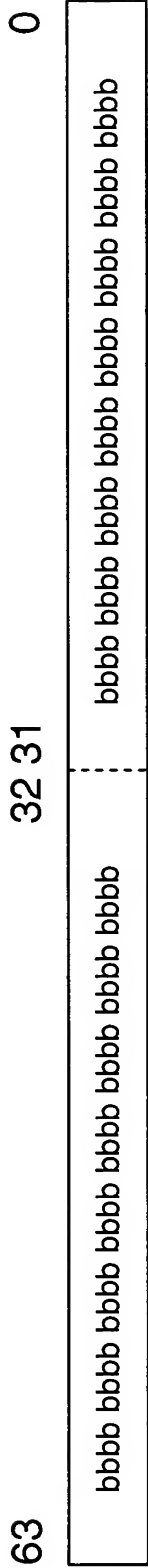
63	48 47	32 31	16 15	0
bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb

Unsigned packed word in-register representation 512

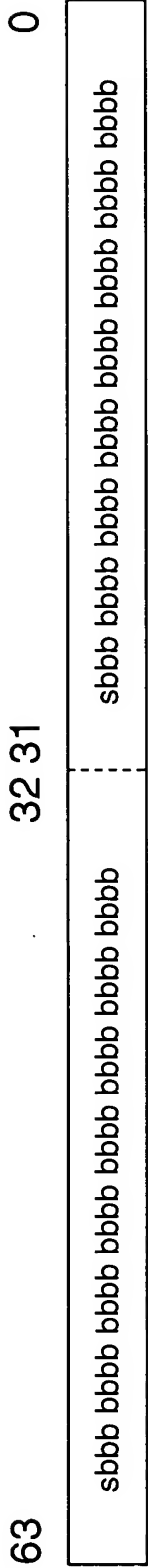
63	48 47	32 31	16 15	0
sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb

Signed packed word in-register representation 513

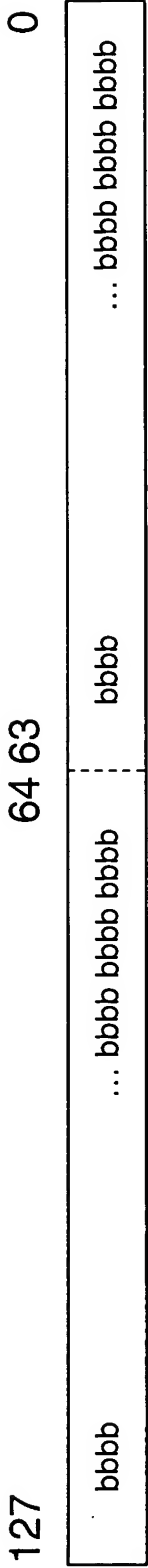
FIG. 5b



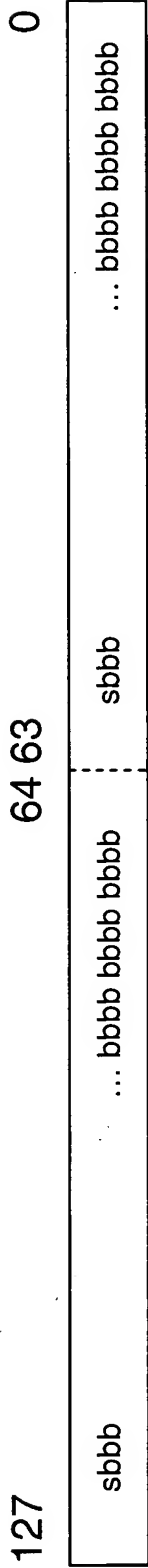
Unsigned packed doubleword in-register representation 514



Signed packed doubleword in-register representation 515 **FIG. 5c**



Unsigned packed quadword in-register representation 516



Signed packed quadword in-register representation 517 **FIG. 5d**

31-28	27-24	23,22	21,20	19-16	15-12	11-8	7-5	4	3-0
<u>610</u>	<u>611</u>	<u>612</u>	<u>613</u>	<u>602</u>	<u>605</u>	<u>616</u>	<u>617</u>		<u>603</u>

601 618

FIG. 6a

23-16	15-8	7,6	5-3	2-0
<u>622</u>	<u>624</u>	<u>626</u>	<u>602</u>	<u>603</u>

621 605

FIG. 6b

31-16	15-8	7,6	5-3	2-0
<u>632</u>	<u>634</u>	<u>626</u>	<u>602</u>	<u>603</u>

631 605

FIG. 6c

39-32	31-16	15-8	7,6	5-3	2-0
<u>640</u>	<u>632</u>	<u>634</u>	<u>626</u>	<u>602</u>	<u>603</u>

641 605

FIG. 6d

FIG. 7a

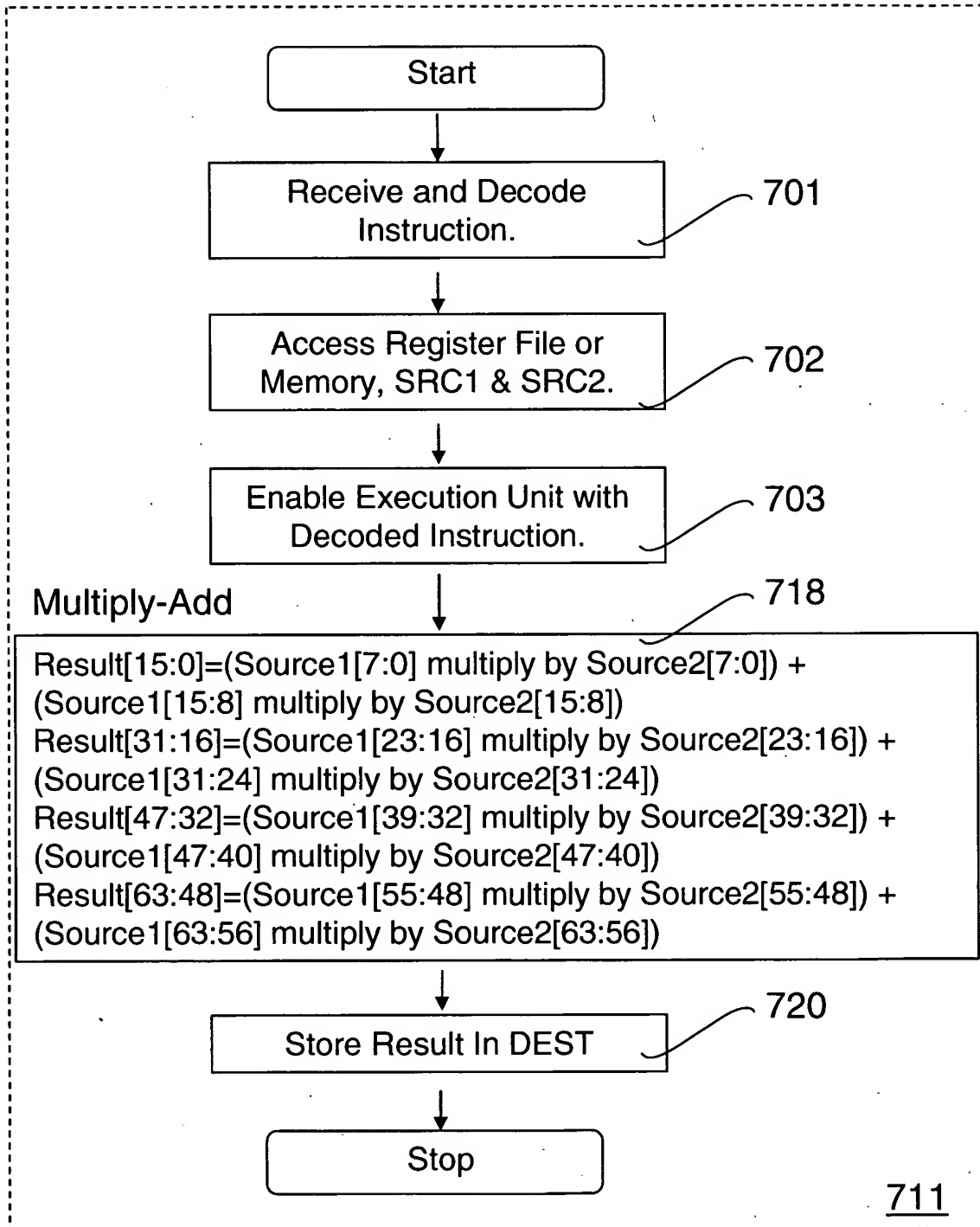
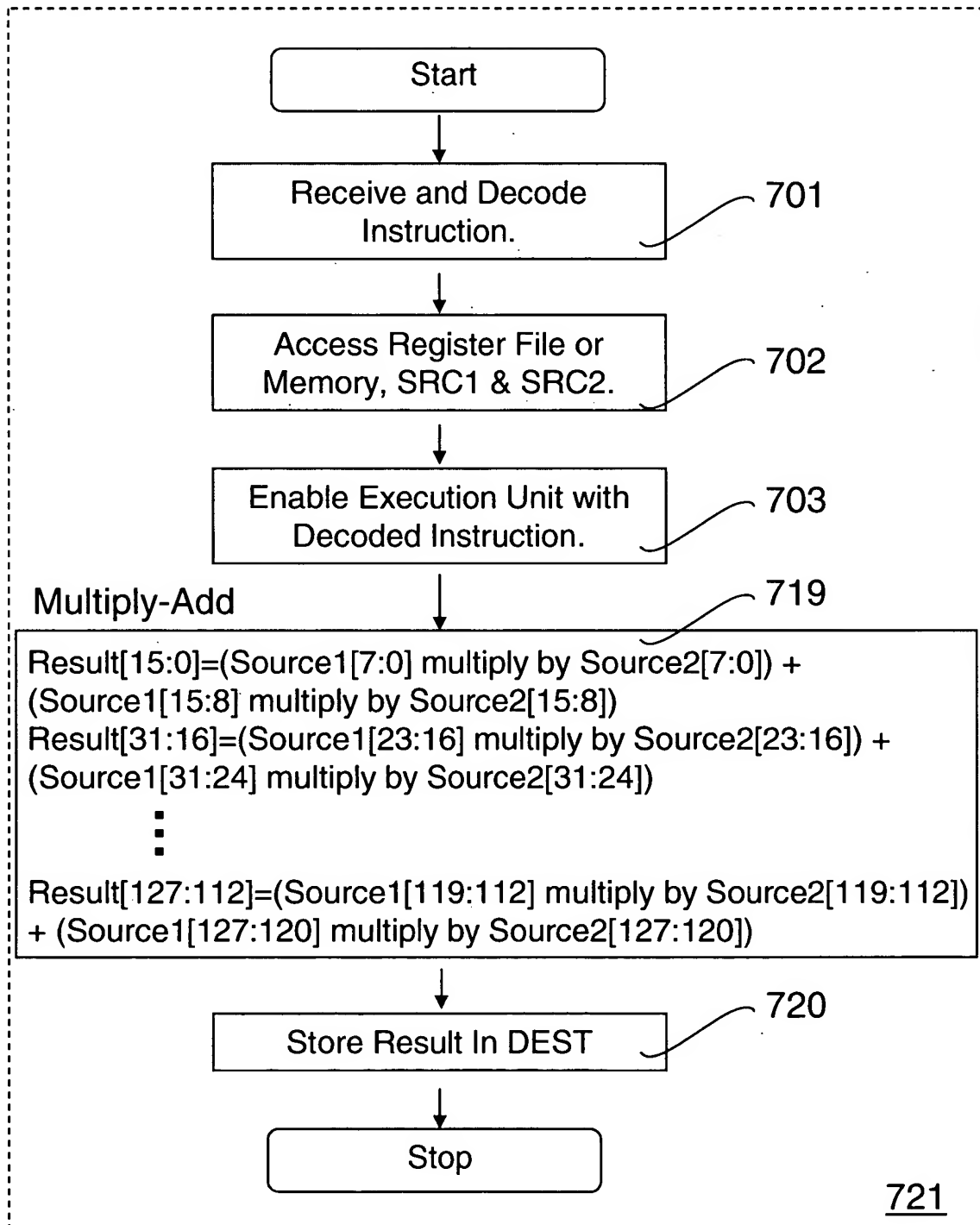
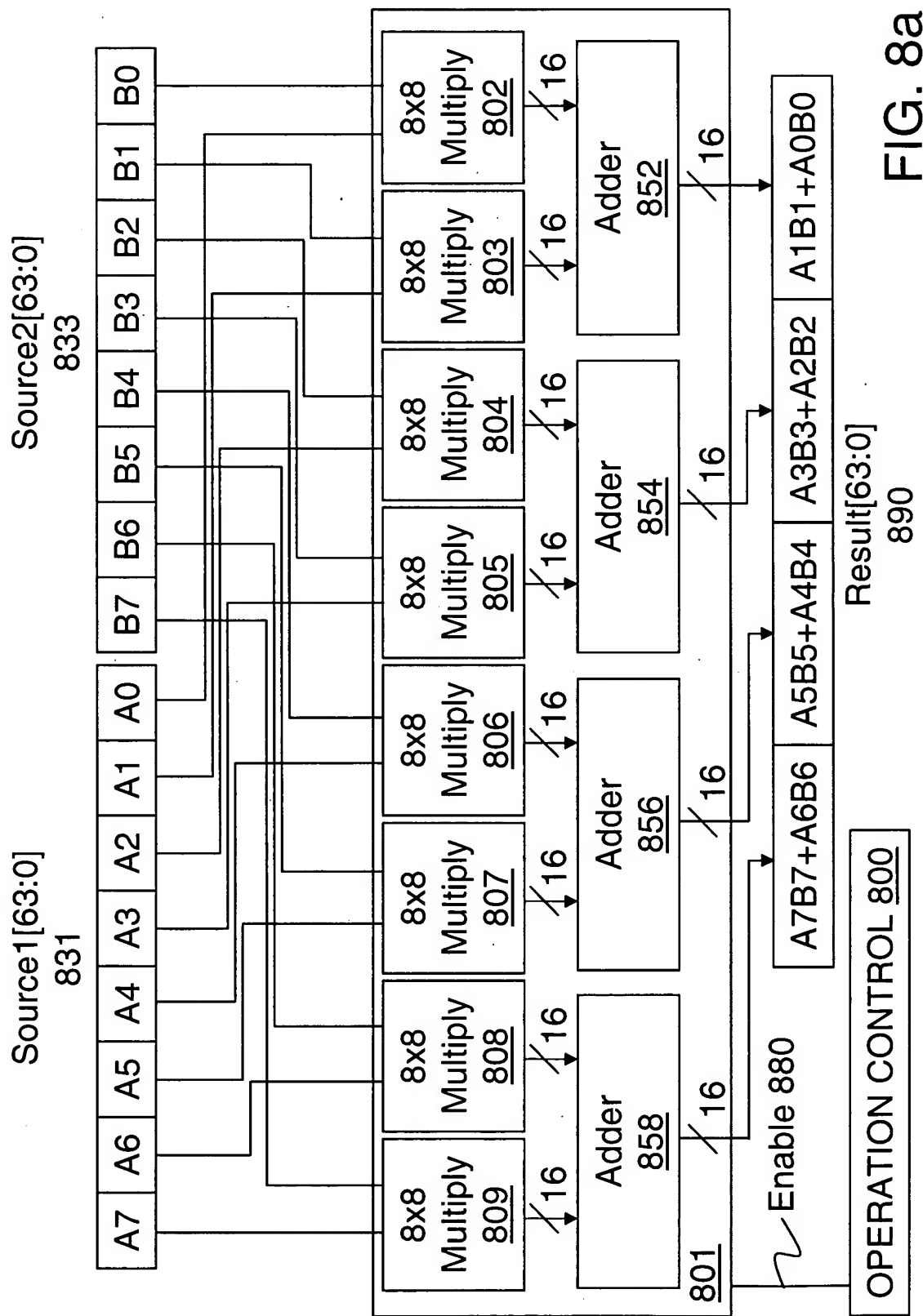


FIG. 7b





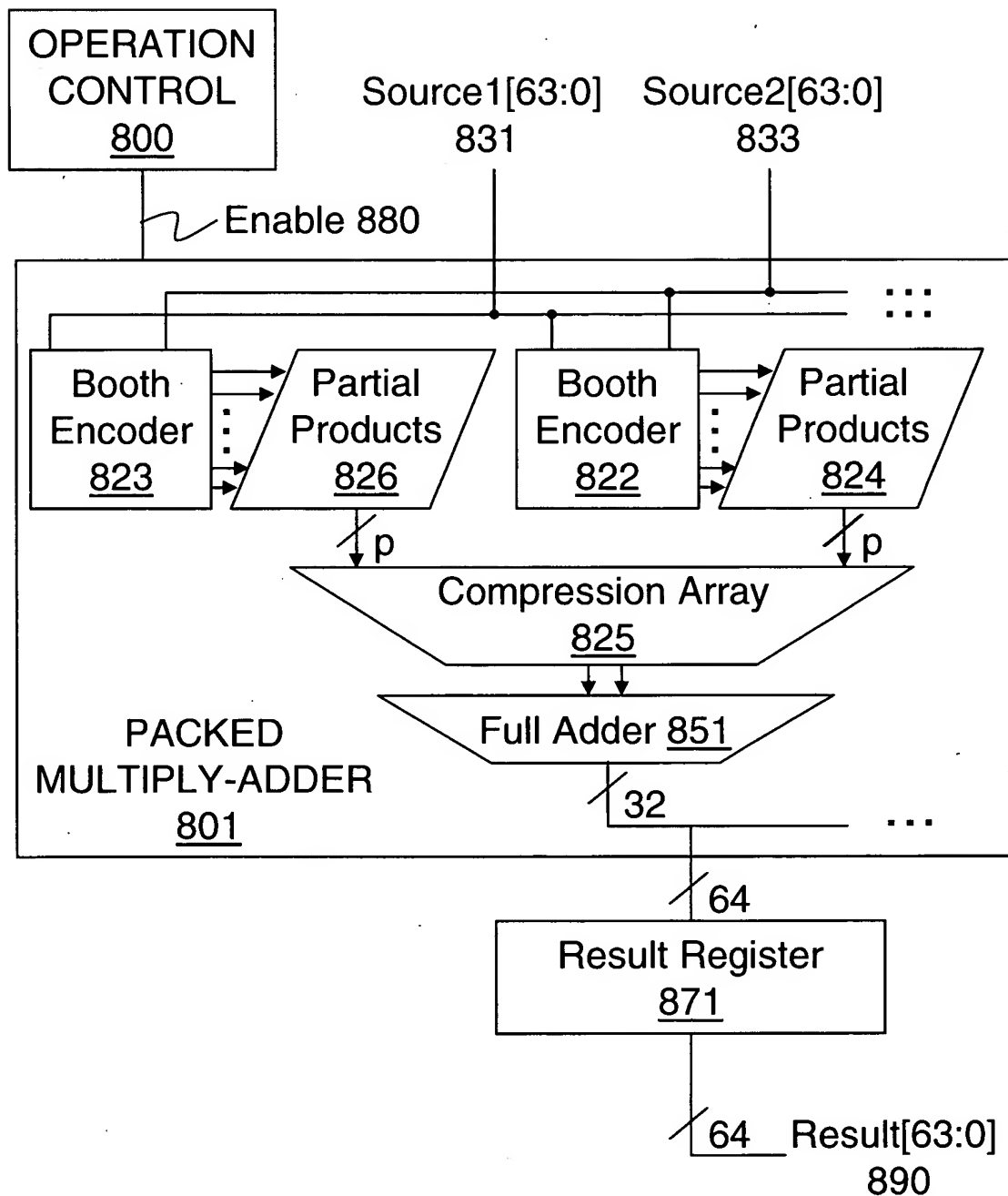


FIG. 8b

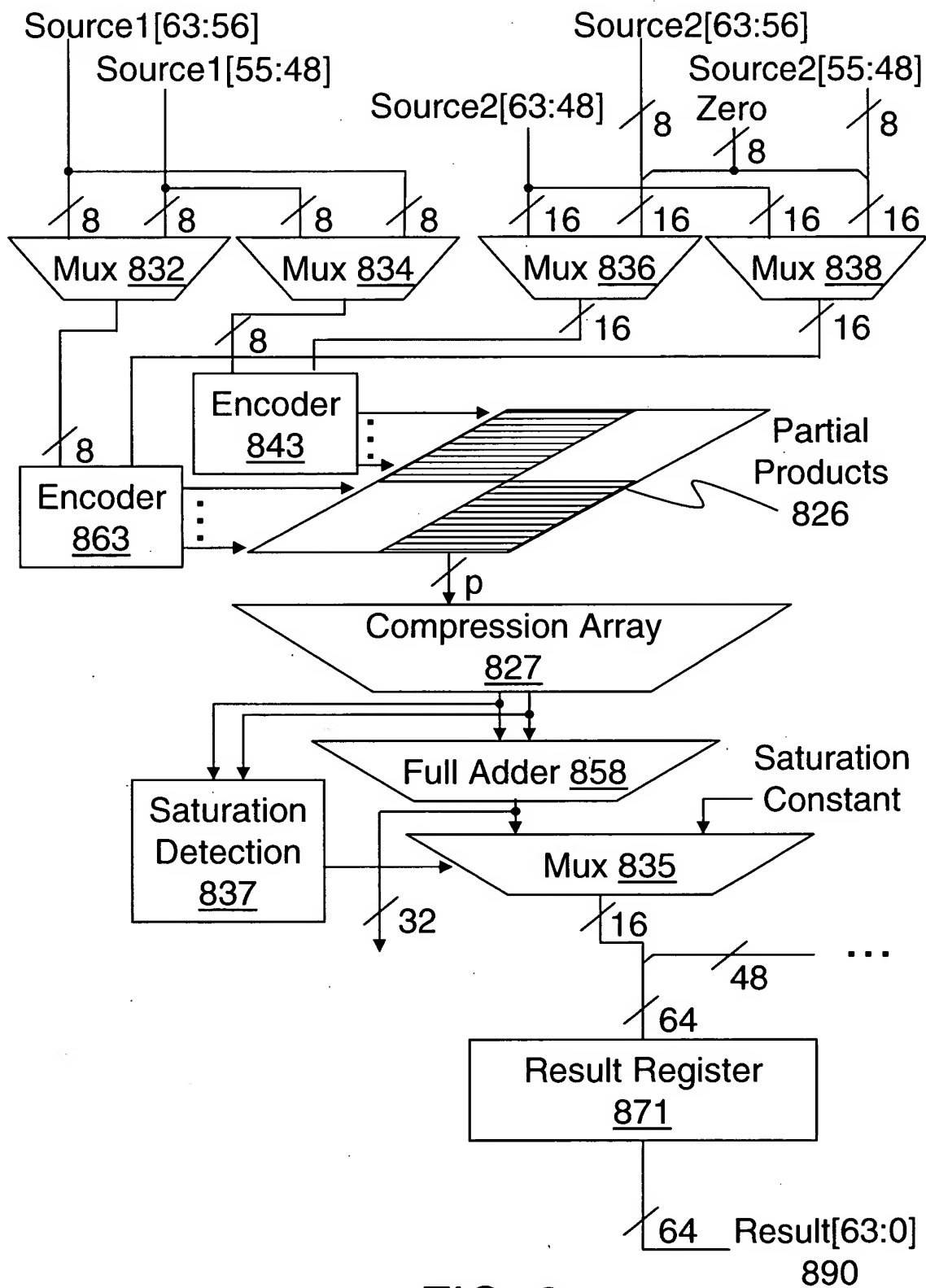
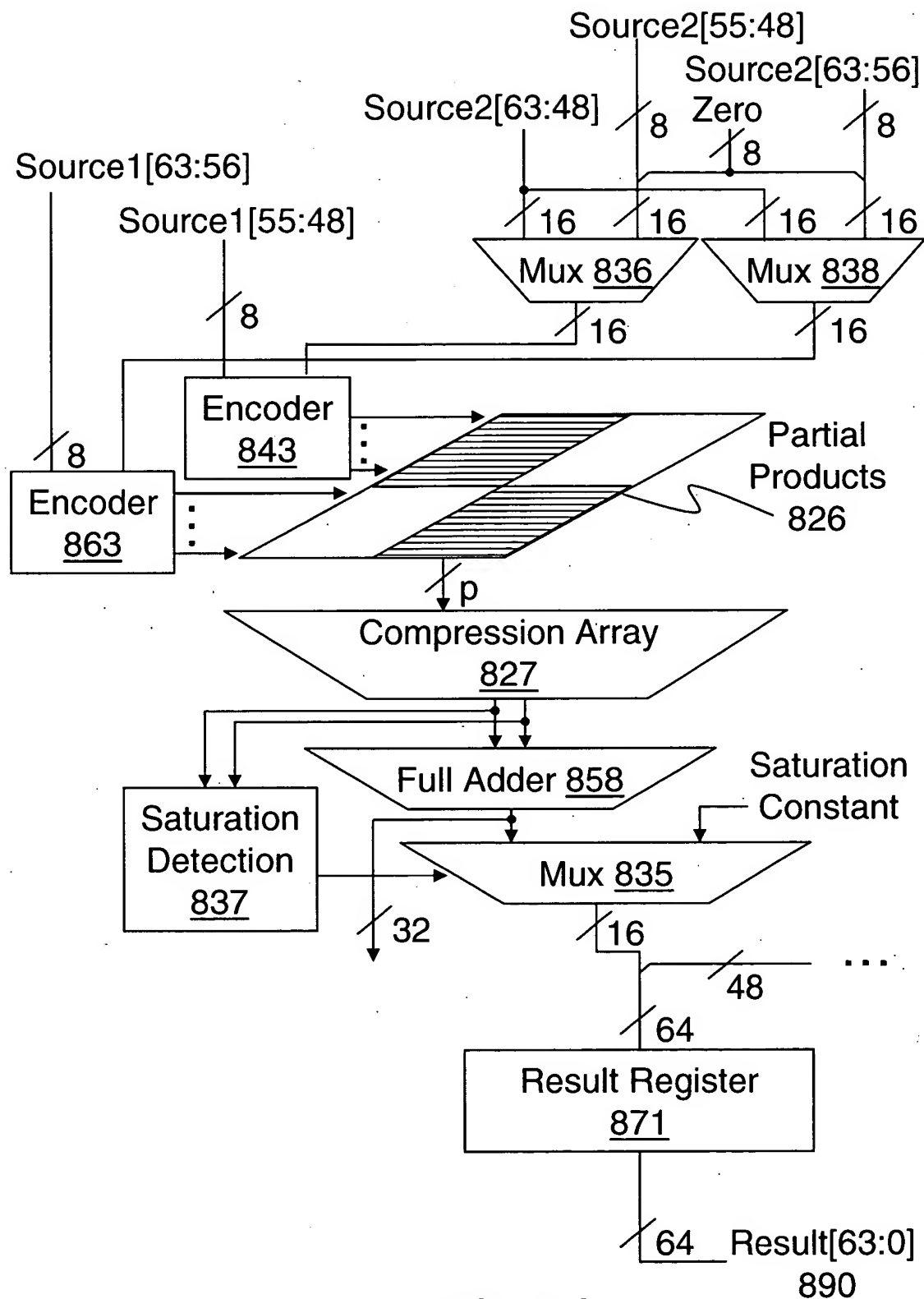


FIG. 8c



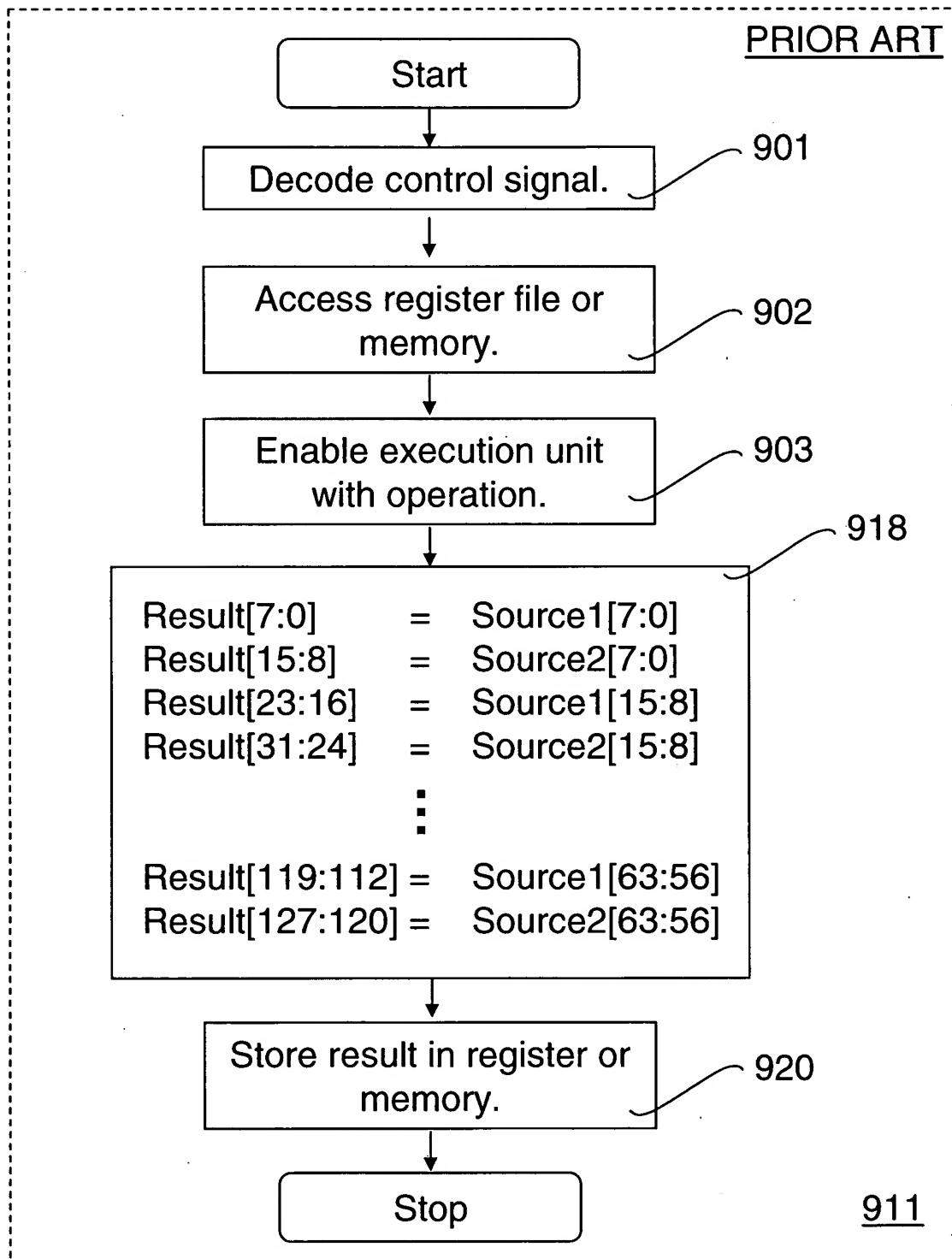


FIG. 9a

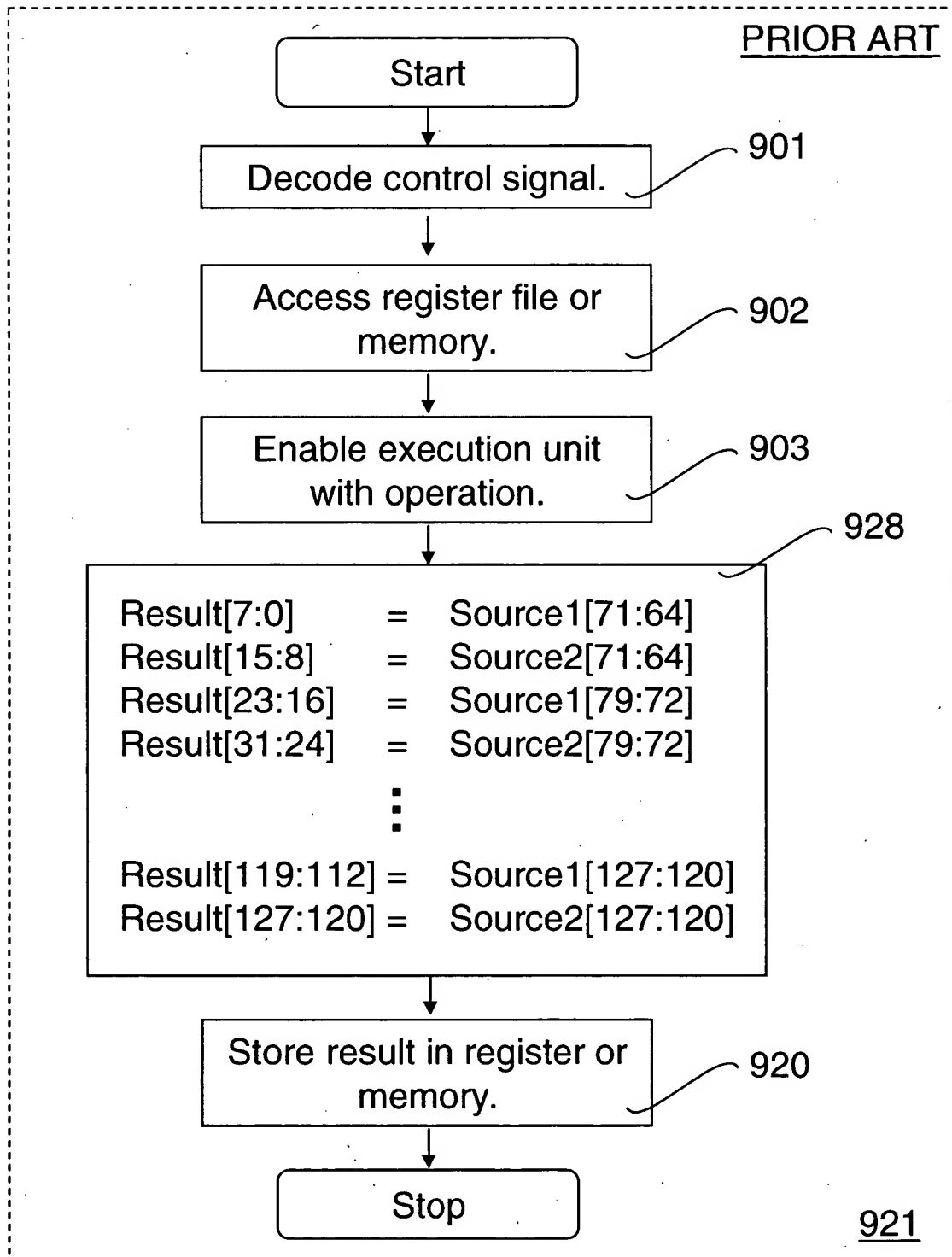


FIG. 9b

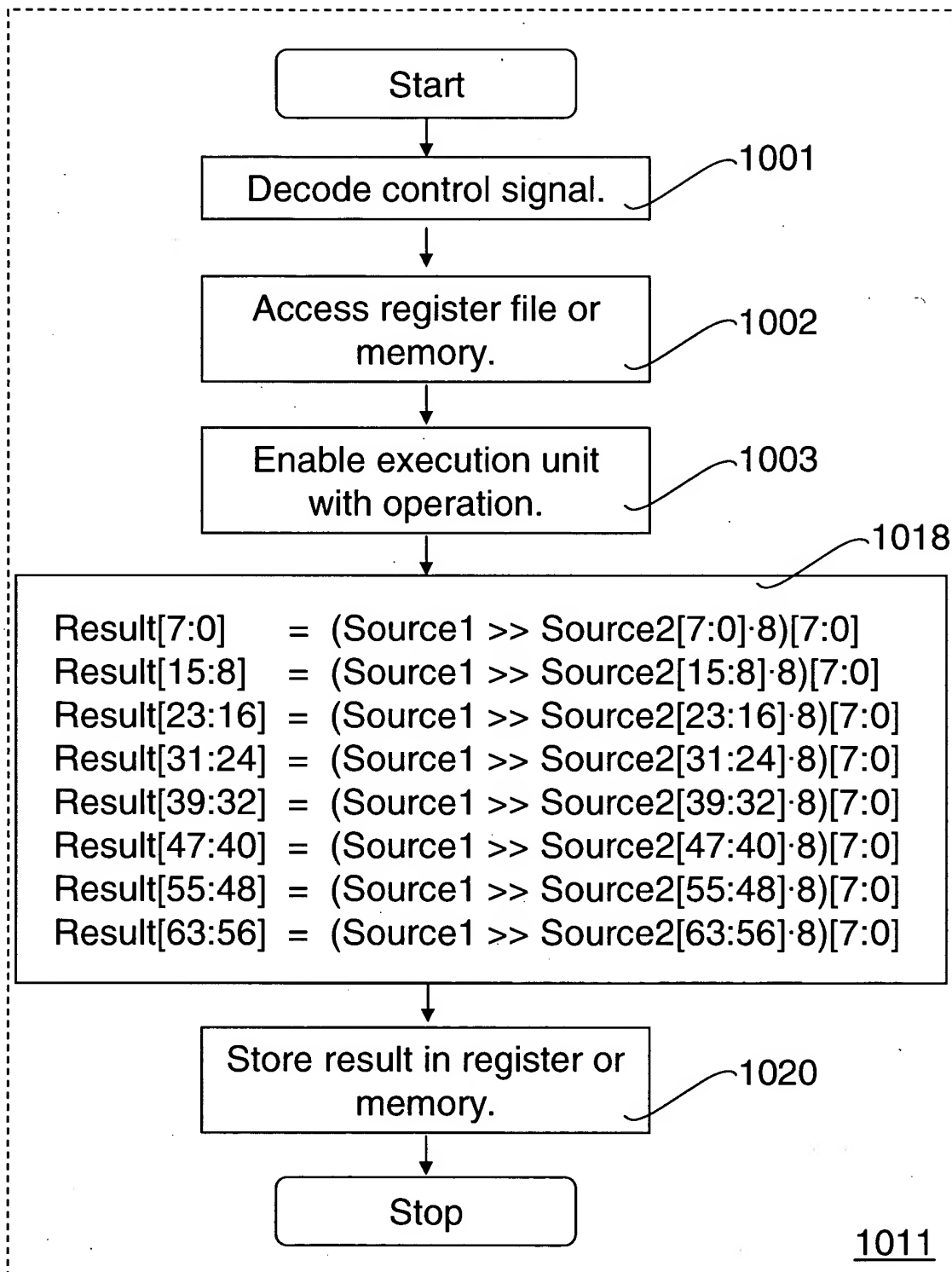


FIG. 10a

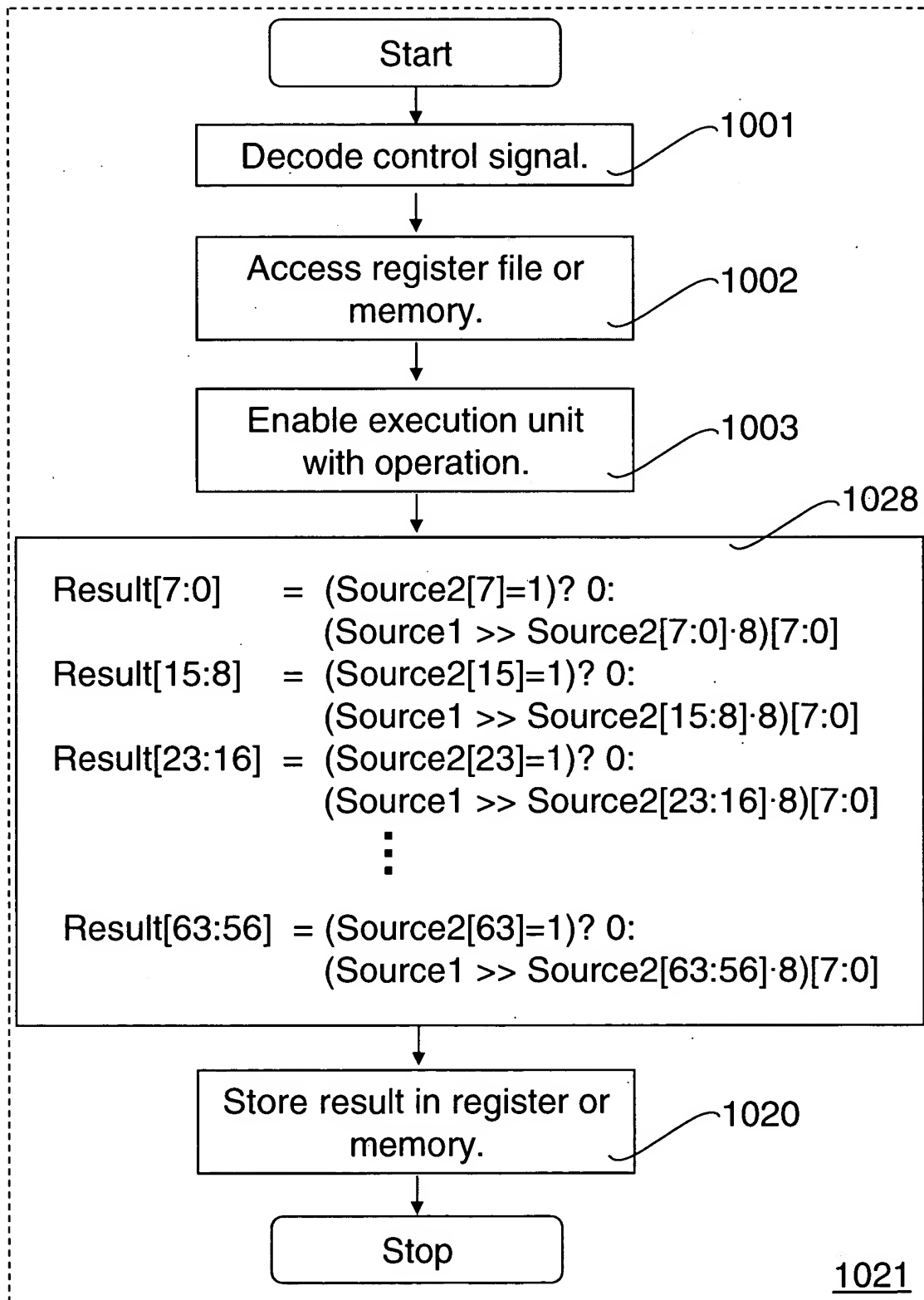


FIG. 10b

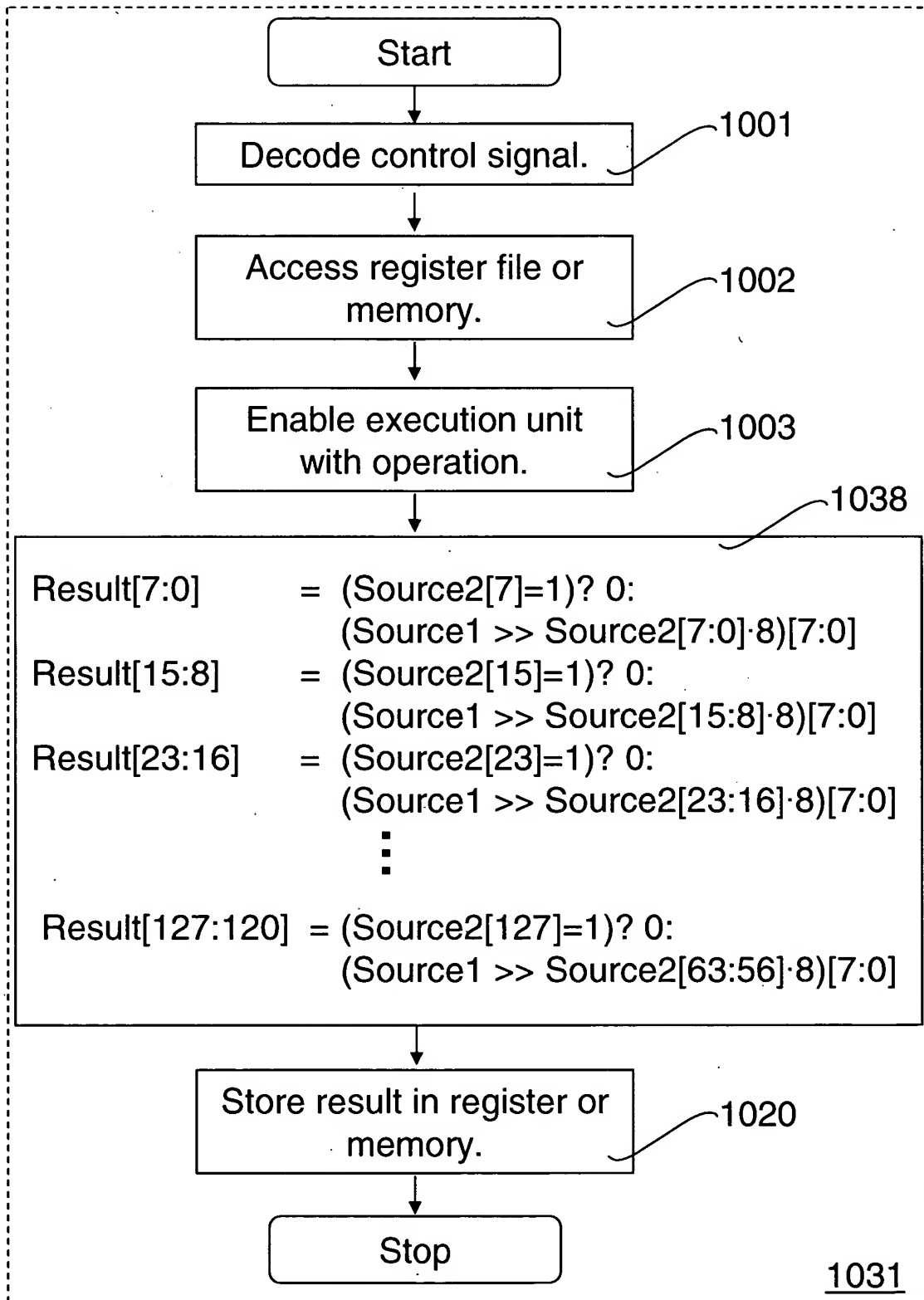


FIG. 10c

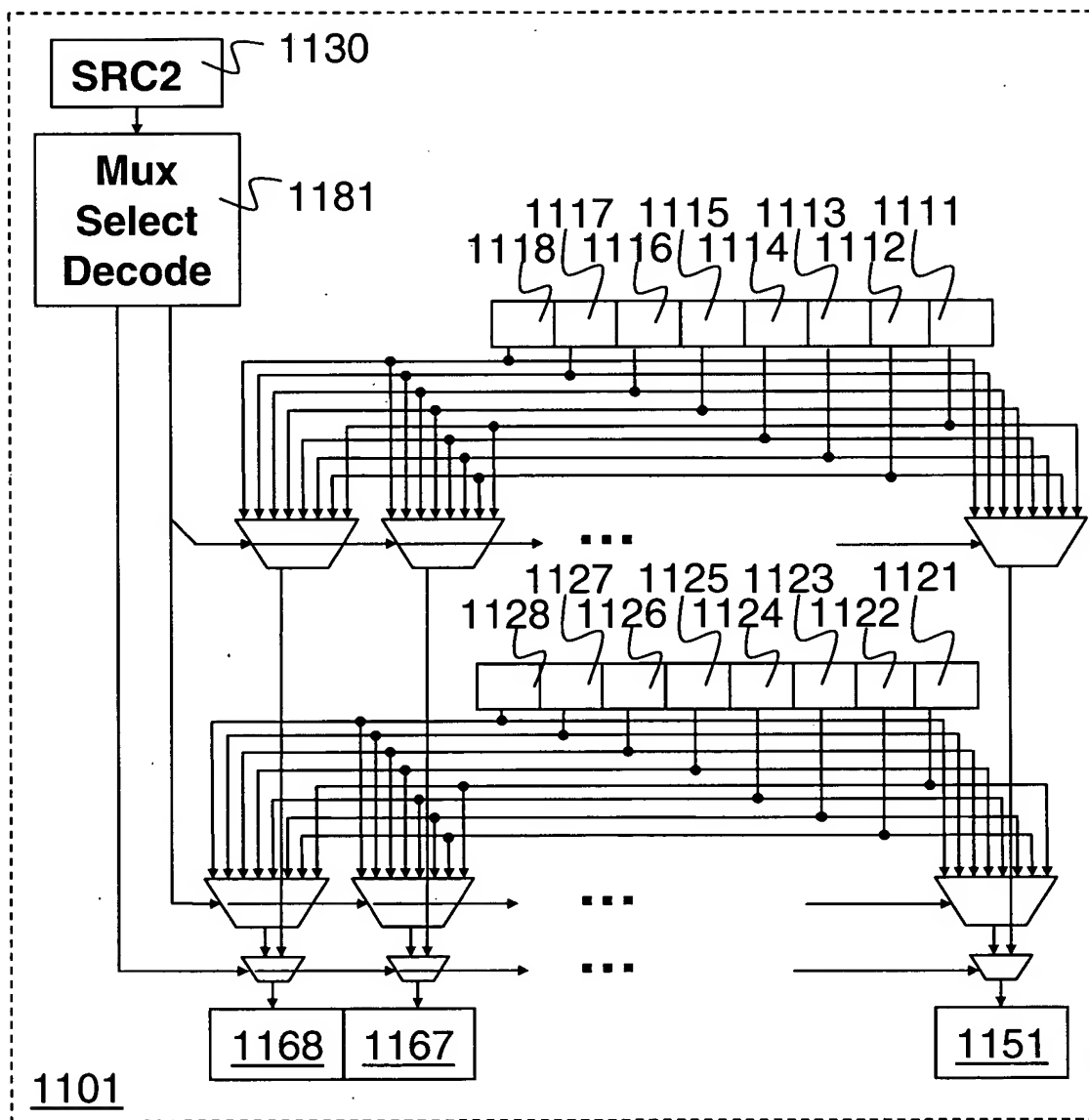
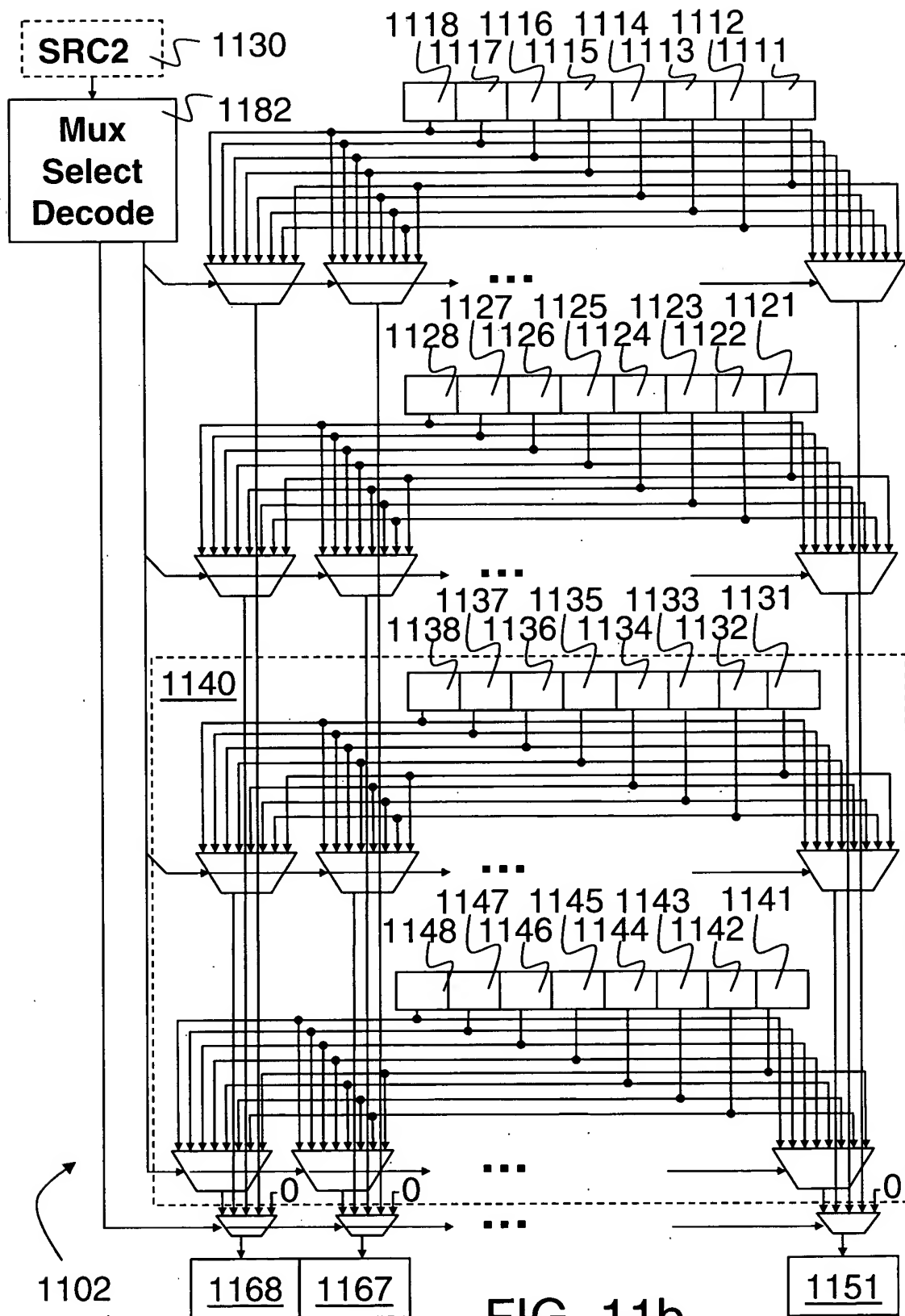
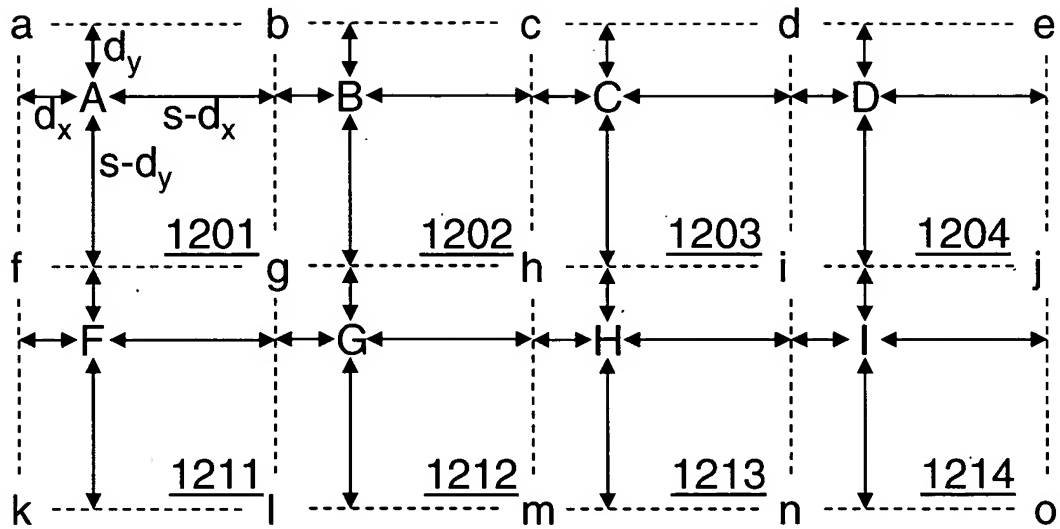


FIG. 11a





1220

$$A = ((s-d_x)(s-d_y)a + d_x(s-d_y)b + (s-d_x)d_yf + d_xd_yg + s^2/2)/s^2$$

$$p = (s-d_x)(s-d_y)$$

$$q = d_x(s-d_y)$$

$$r = (s-d_x)d_y$$

$$s = d_xd_y$$

1230

1240

$$A = (ap + bq + fr + gs + s^2/2)/s^2 \quad F = (fp + gq + kr + ls + s^2/2)/s^2$$

$$B = (bp + cq + gr + hs + s^2/2)/s^2 \quad G = (gp + hq + lr + ms + s^2/2)/s^2$$

$$C = (cp + dq + hr + is + s^2/2)/s^2 \quad H = (hp + iq + mr + ns + s^2/2)/s^2$$

$$D = (dp + eq + ir + js + s^2/2)/s^2 \quad I = (ip + jq + nr + os + s^2/2)/s^2$$

FIG. 12

FIG. 13a

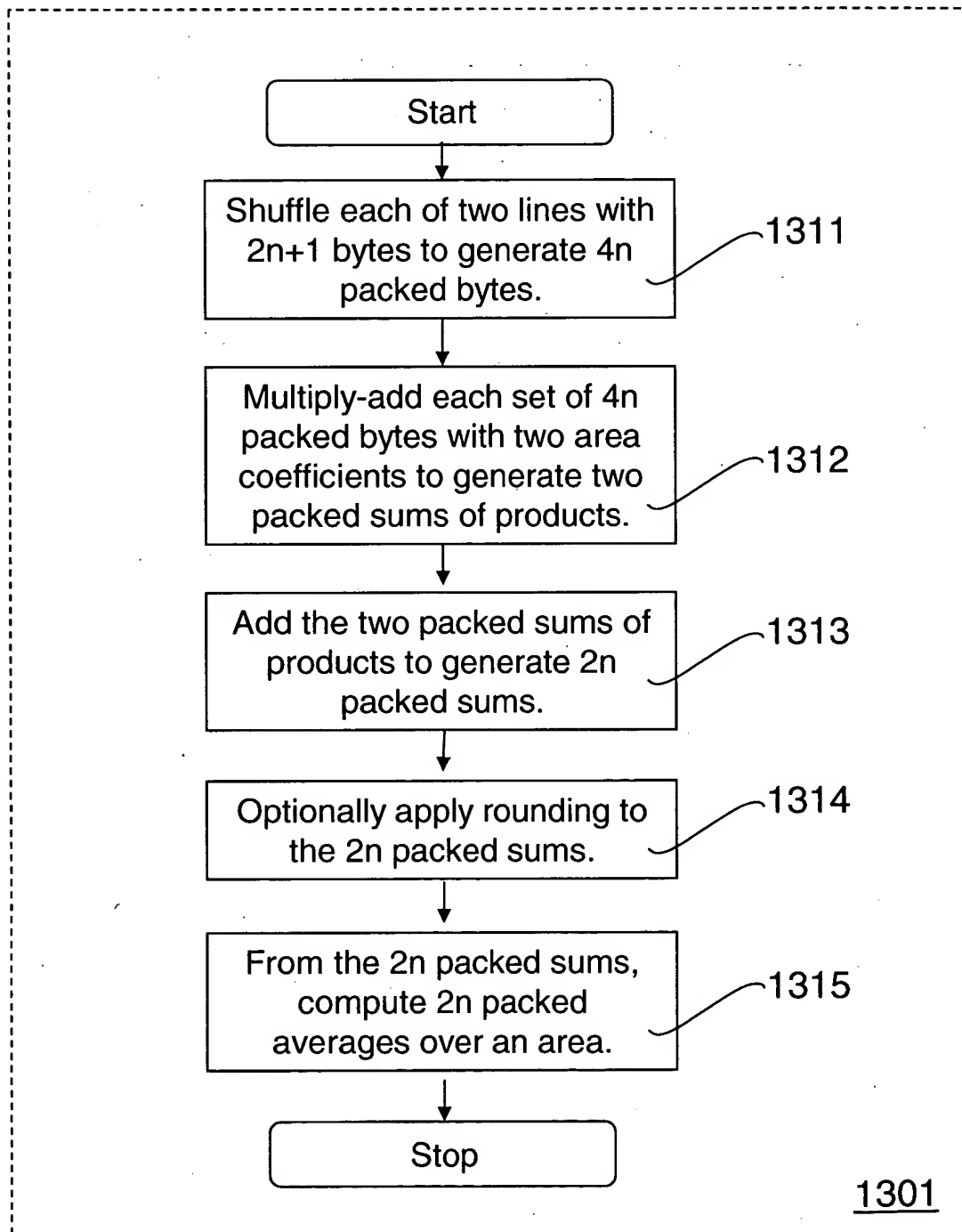


FIG. 13b

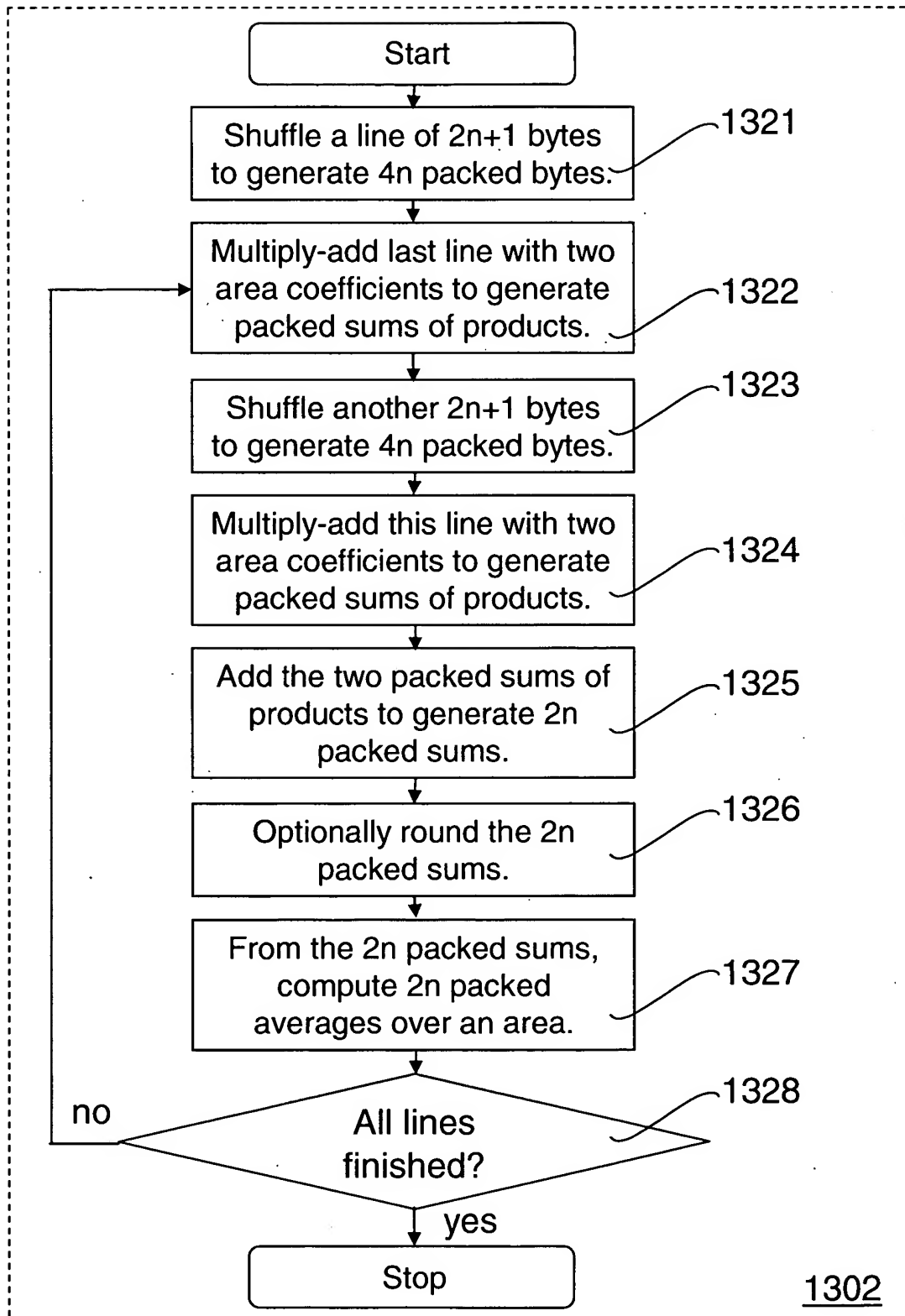
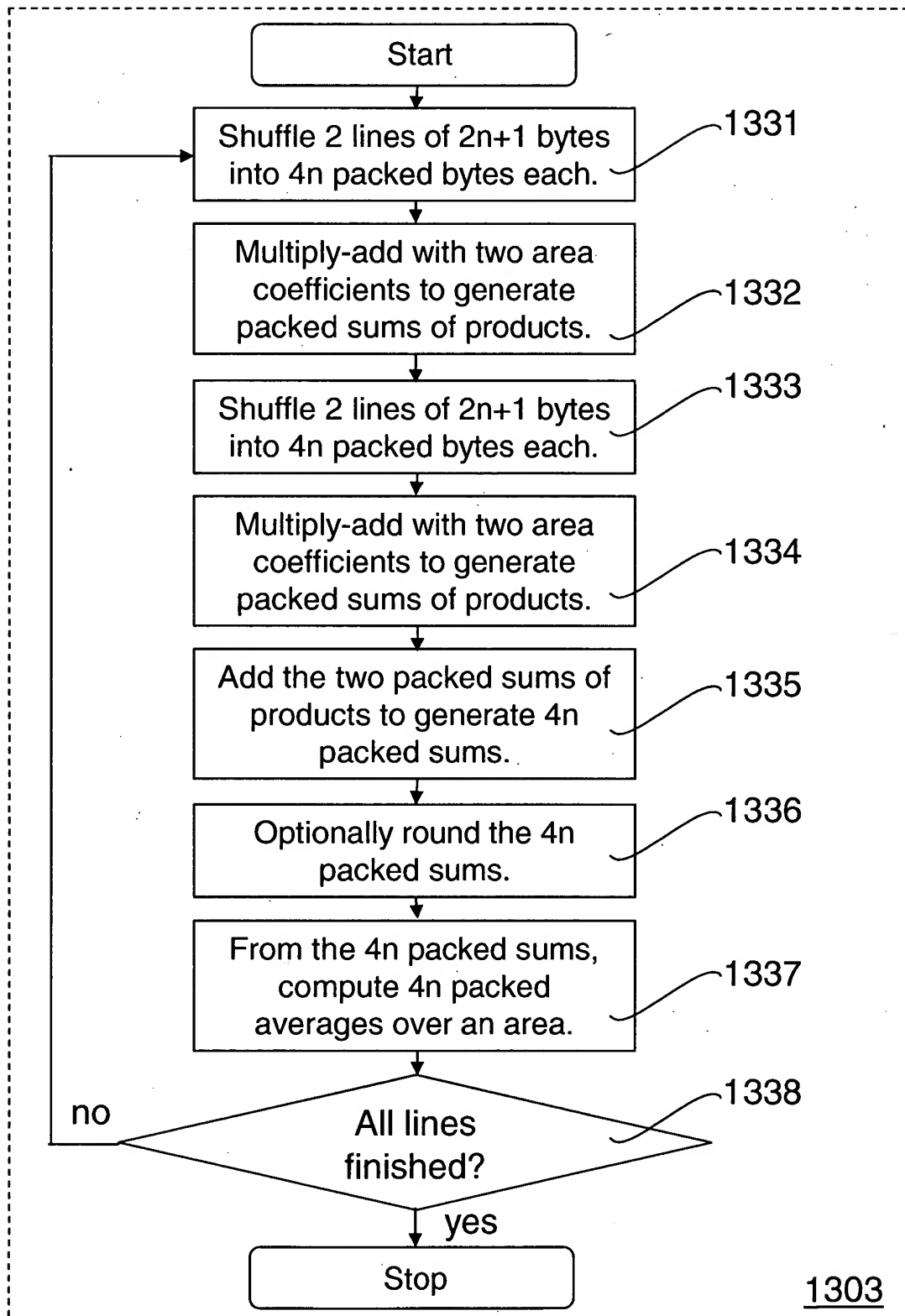


FIG. 13c



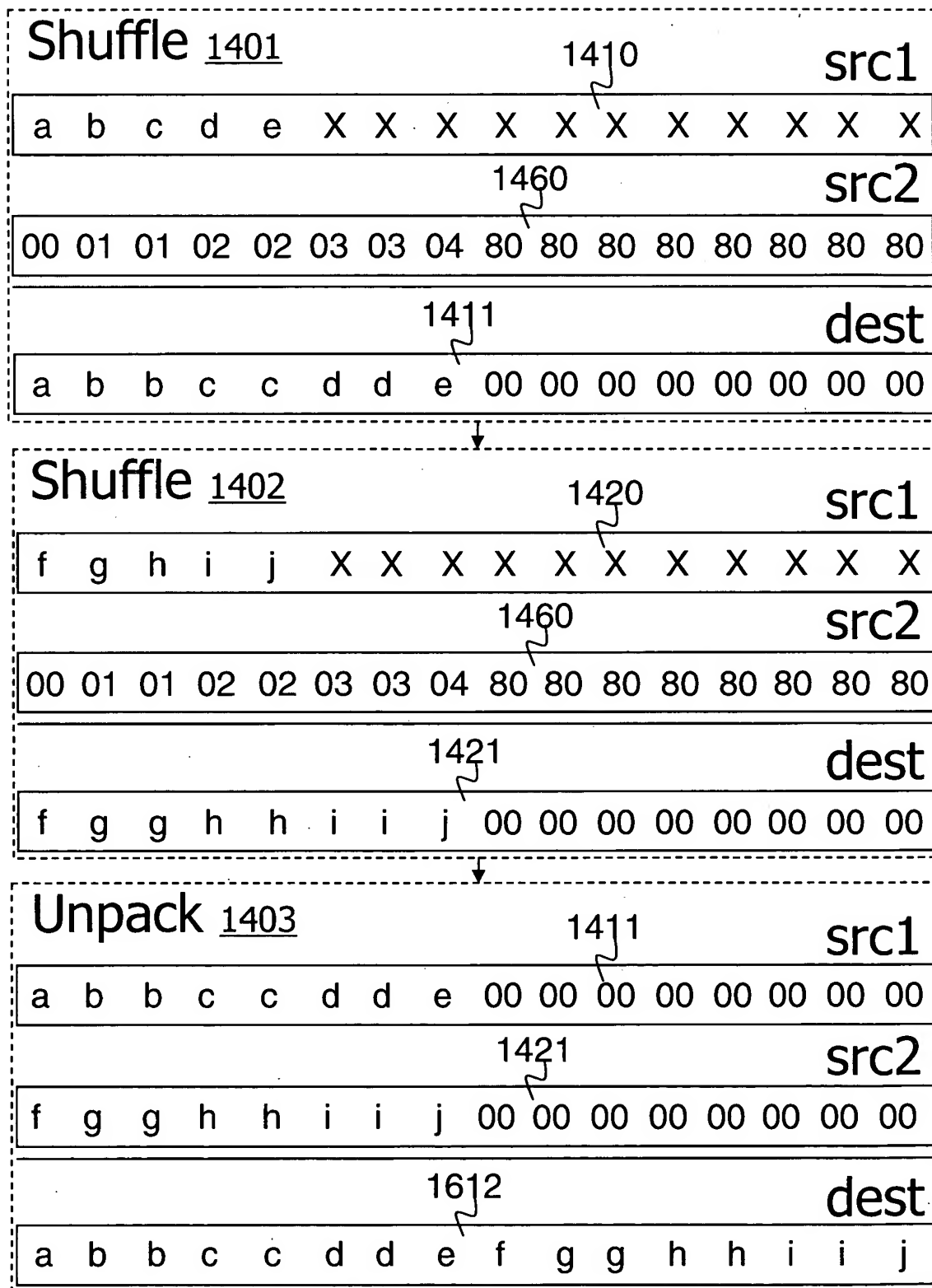


FIG. 14a

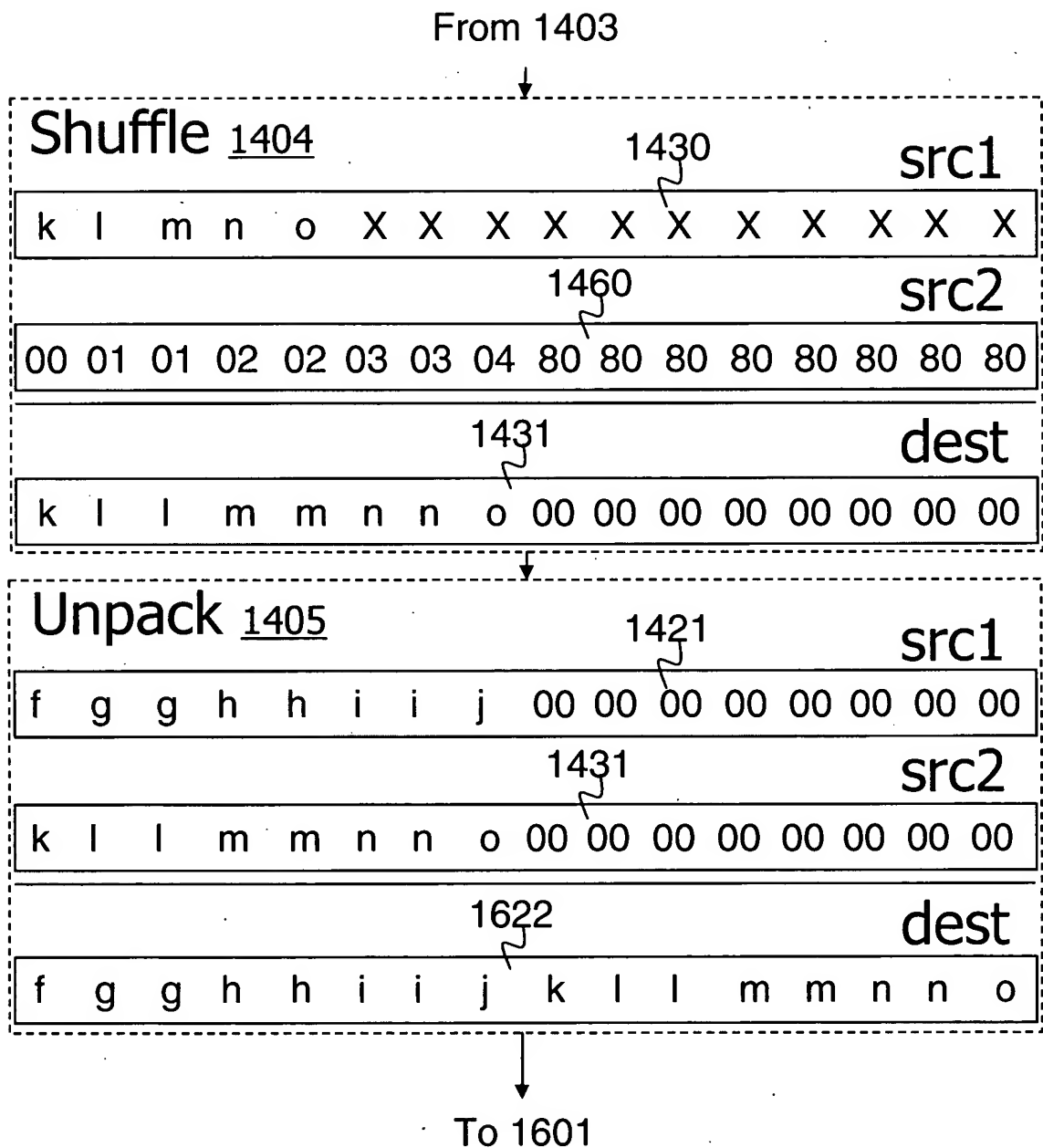


FIG. 14b

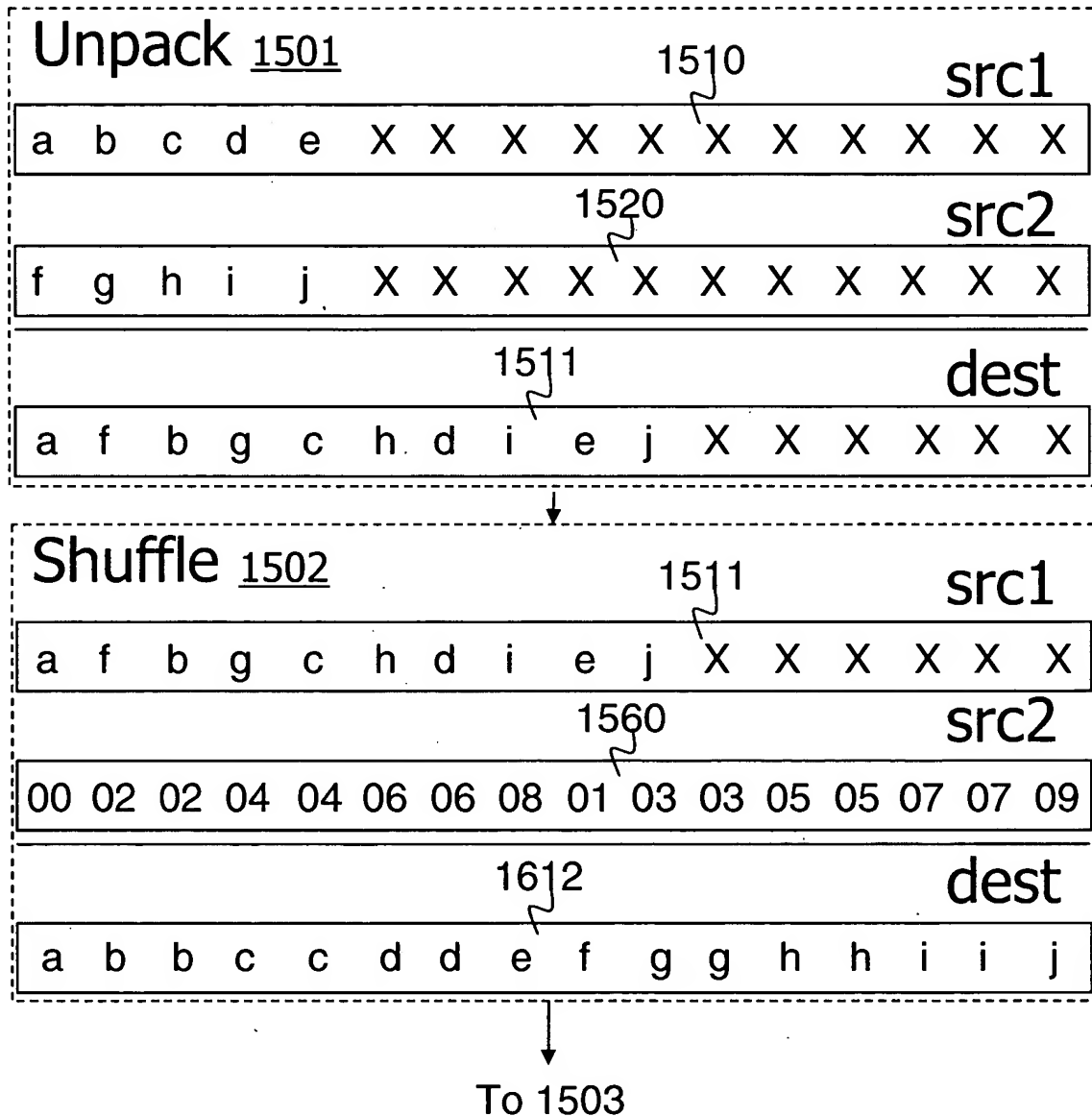


FIG. 15a

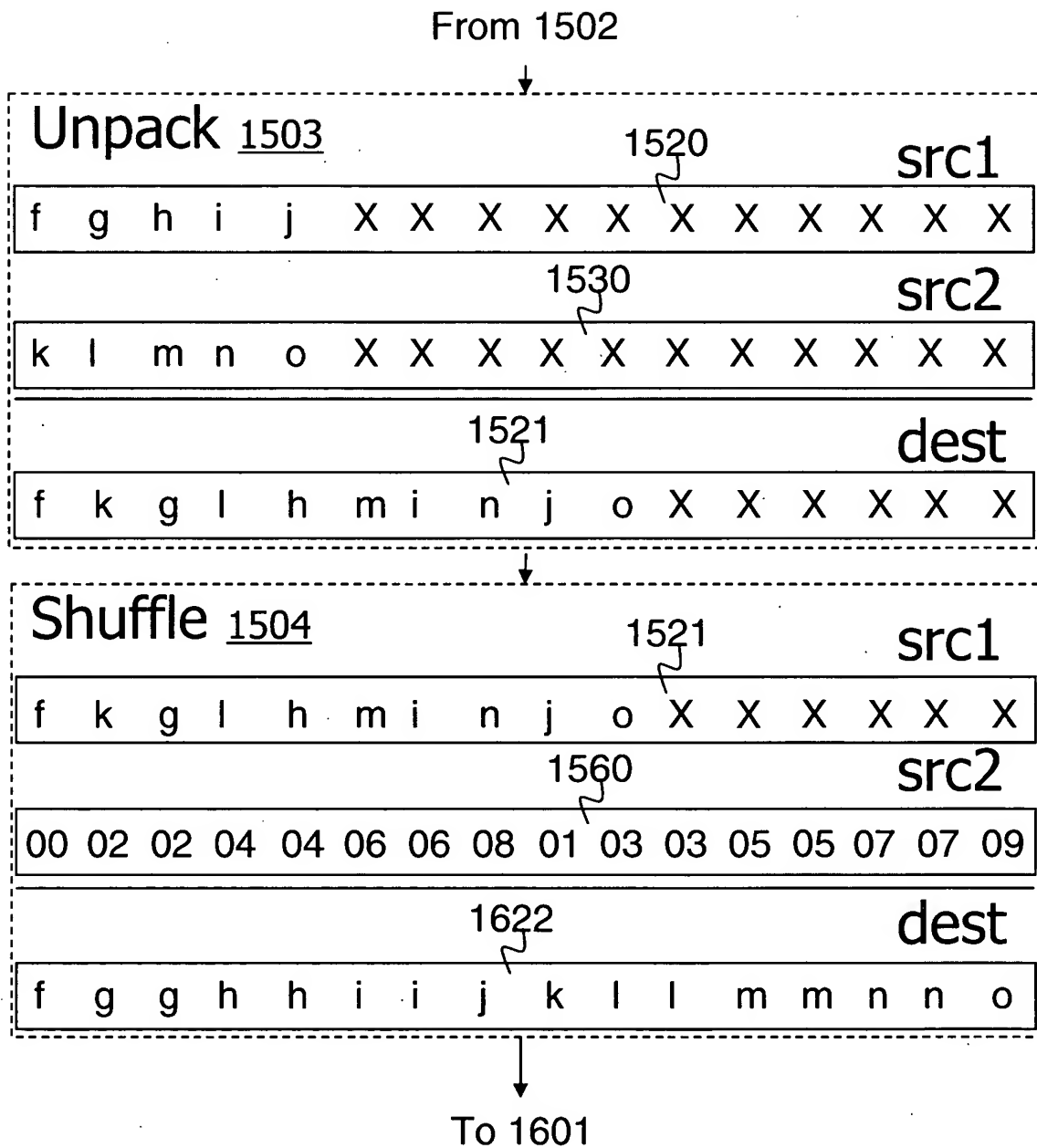


FIG. 15b

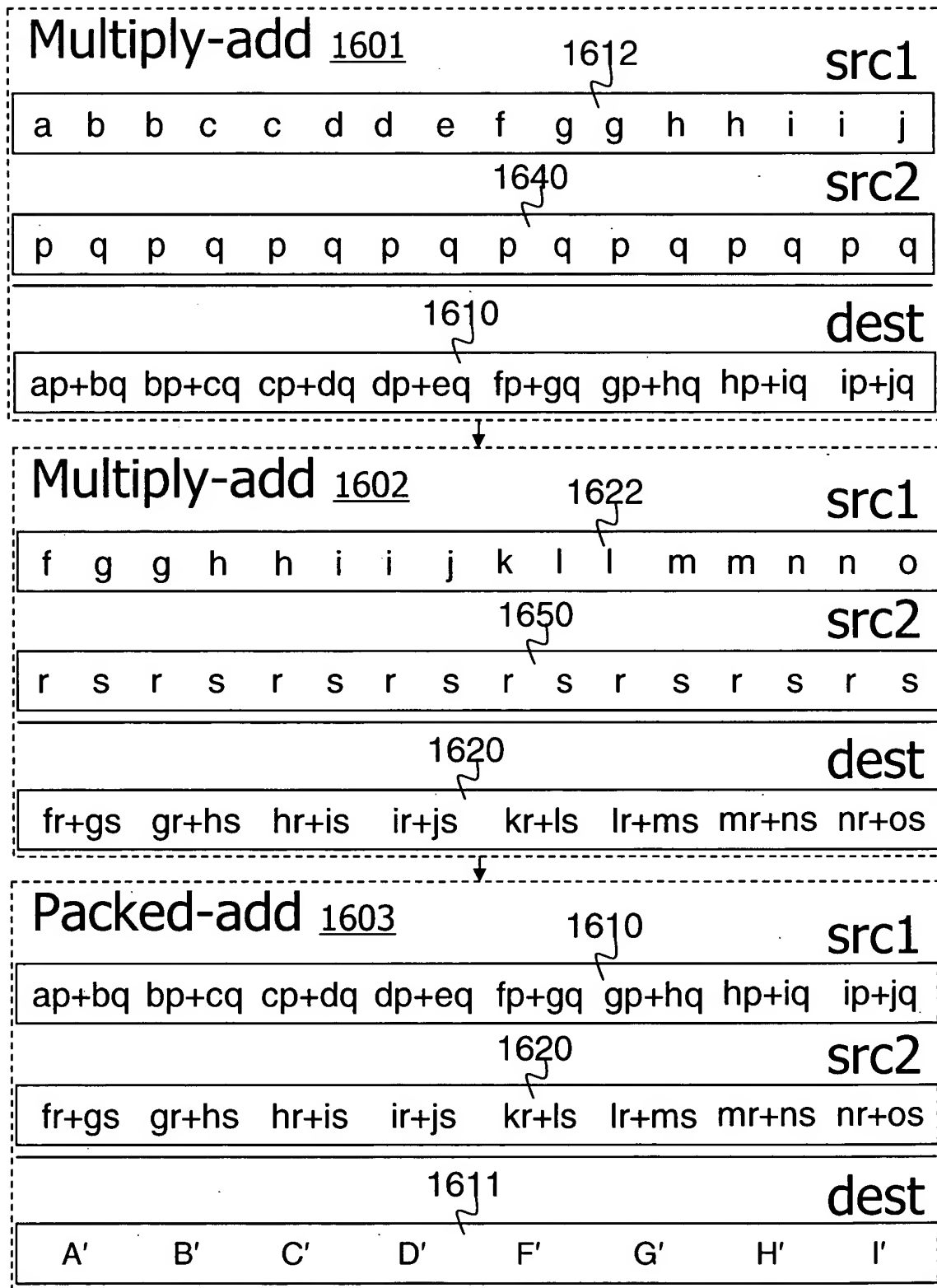


FIG. 16a

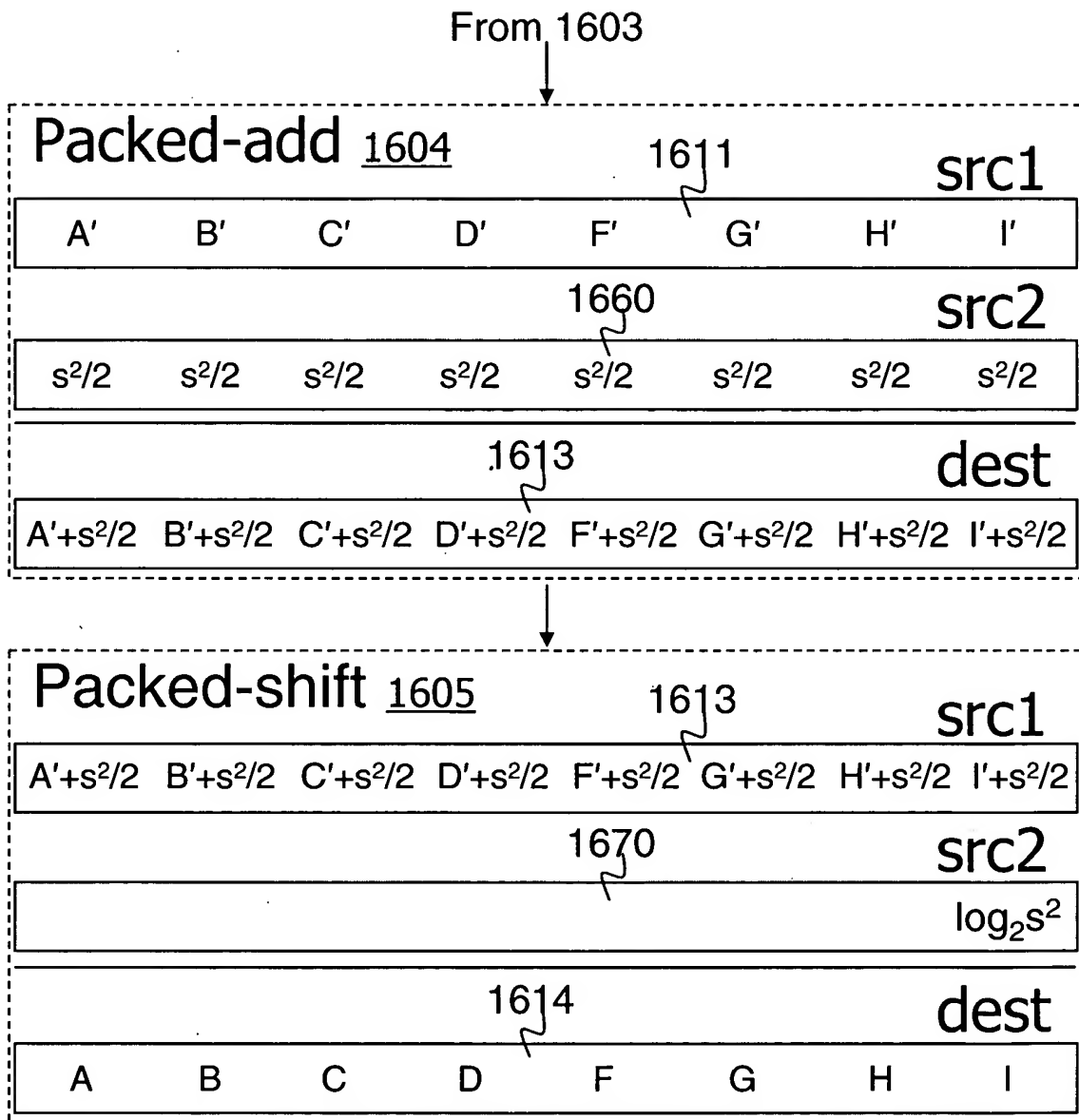


FIG. 16b